TOWN DOCUMENTS.

FIFTY-SECOND
ANNUAL REPORT

OF THE

Town of Swampscott, Mass.

FOR THE YEAR ENDING FEBRUARY 26, 1904.

LYNN, MASS.:
WHITTEN & CASS, PRINTERS
1904

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ERRATA.

On page 235, under the head of Sewer Department should read:

Holmes & Blanchard Co., supplies .	$6,669 42
Honors, B. O. & Son, fuel . . .	102 38

ERRATA.

On page 214, under head of Salaries in Health Department, should read:

Nies, Martin E., inspector of plumbing .	$353 60
Stone, Jasper H.	85 00

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Elected Town Officers.

Moderator.

EDWARD H. THOMAS.

Selectmen.

JOSEPH M. BASSETT, Chairman. CLARENCE B. DELANO.

MARTIN L. QUINN.

Town Clerk.

MILTON D. PORTER.

Treasurer.

BENJAMIN O. HONORS.

Collector of Taxes.

GEORGE T. TILL.

Auditors.

JOHN B. EARP, Chairman. HERMAN F. ASHTON.

L. FRANK CAHOON.

Assessors.

GILBERT DELANO, Chairman . .	Term expires	1906.
EDWARD A. MAXFIELD, Clerk . .	" "	1905.
ISAAC H. ANDREWS	" "	1904.

School Committee.

CHARLES A. FLAGG, Chairman . .	Term expires	1904.
SIDNEY E. BAILEY	" "	1905.
DANIEL E. BURTNER	" "	1906.

Overseers of the Poor.

Joseph F. Crowell, Chairman	Term expires	1904
Thomas B. P. Curtis	"	1905
Charles A. Blanchard	"	1906

Water Commissioners.

William H. Bates, Chairman	Term expires	1905
Charles S. Haskell	"	1904
Samuel M. Kehoe	"	1906

Public Library Trustees.

Elizabeth J. Hadley, Chairman	Term expires	1906
Frank E. Ingalls	"	1905
Frank F. Stanley	"	1904

Park Commissioners.

Jerome Paul Jackson, Chairman	Term expires	1905
Fred C. Marsh	"	1904
John J. Blaney	"	1906

Board of Health.

Dr. Frank B. Stratton, Chairman	Term expires	1905
Michael Haley	"	1904
Jasper H. Stone	"	1906

Surveyor of Highways.

Irving I. Edgerly.

Constables.

Samuel T. Harris. Richard G. Gilley.
Edwin G. Spaulding.

Sewer Commissioners.

Aaron R. Bunting, Chairman	Term expires	1904
Oscar G. Poor	"	1906
Henry B. Sprague	"	1905

Tree Warden.

George Newhall.

Appointed Town Officers.

Secretary of Selectmen.

CHARLES G. ROWELL.

Town Counsel.

WILLIAM H. NILES.

Librarian of Public Library.

MISS S. L. HONORS.

Assistant Librarians.

CARL BAIN. RALPH H. RUSSELL.

Engineers of Fire Department.

GEORGE P. CAHOON	Chief
GEORGE H. LAMPARD	1st Assistant
FRANK L. CHAPMAN	2d Assistant

Forest Fire Wardens.

GEORGE P. CAHOON. GEORGE H. LAMPARD.
FRANK L. CHAPMAN.

Regular Police.

CHARLES H. DUNLAP, Chief.
JOHN C. WHORF. ADELBERT S. HAMMOND.
SAMUEL T. HARRIS. JOSEPH D. SPINNEY.
CHARLES CONNELL.

Superintendent of Cemetery.

NATHAN M. HARRIS . . .	Resigned April 10, 1903
JAMES P. M. S. PITMAN . .	Appointed April 17, 1903

Superintendent of Burial of Deceased Soldiers and Sailors.

MICHAEL HALEY.

Care of Monument Lot.

EDWIN F. WILEY.

Inspector of Provisions and Animals Intended for Slaughter or Kept for Production of Milk.

JAMES T. LYONS.

Milk Inspector.

J. E. O. NISBETT.

Town Weigher.

THEOPHILUS W. BRACKETT.

Fence Viewer.

ORLANDO R. MILLETT.

Surveyor of Lumber and Measurer of Wood and Bark.

FRED H. EASTMAN.

Sealer of Weights and Measures.

MICHAEL HALEY.

Secretary of the Overseers of the Poor.

MRS. L. E. KENDRICK.

Secretary of the Board of Health.

WILBUR B. ADAMS.

Inspector of Plumbing.

MARTIN E. NIES.

Agent of Town Hall.

JAMES A. MOTT.
(Deceased.)

Janitor of Town Hall.

JAMES A. MOTT.
(Deceased.)

Superintendent of Sewers.

IRVING I. EDGERLY.

Clerk of Sewer Commissioners.

GEORGE T. TILL.

Registrars of Voters.

ANDREW OLSEN, Chairman (Dem.) .	Term expires 1904
GEORGE C. WEBSTER, (Rep.) . .	" 1905
SIDNEY M. SHATTUCK, (Dem.) . .	" 1906
MILTON D. PORTER, (Rep.) . . .	(*ex officio*)

Inspectors of Election, March 16, 1903.

JAMES L. TAYLOR	Republican
WILLIS C. PAUL	Democrat

Deputy Inspectors of Election, March 16, 1903.

JOHN I. ADAMS	Republican
ABRAM G. STONE	Democrat

Tellers of Election, March 16, 1903.

W. H. WEBSTER	Republican
H. P. PETERS	Republican
J. H. WIDGER	Republican
E. M. TUTTLE	Republican
B. F. RICH	Republican
F. V. PORTER	Republican
H. B. MARTIN	Democrat
F. D. THURSTON	Democrat
W. H. COLLINS	Democrat
S. M. SHATTUCK	Democrat
B. MCDERMOTT	Democrat
A. D. STONE	Democrat

Special Election Officer, November 3, 1903.

MARTIN NIES	Democrat

Inspectors of Elections, November 3, 1903.

ERNEST B. THING	Republican
MICHAEL J. RYAN	Democrat

Deputy Inspectors of Election, November 3, 1903.

Frank H. Bassett	Republican
George W. Cahoon	Democrat

Tellers of Election, November 3, 1903.

A. F. Pine	Republican
F. H. Bassett	Republican
W. H. Webster	Republican
Harry P. Peters	Republican
Frank D. Thurston	Democrat
John W. Thurston	Democrat
Daniel J. Kain	Democrat
Bernard McDermott	Democrat

Constables.

Samuel T. Harris.
John C. Whorf.
Charles H. Dunlap.
Joseph D. Spinney.
Adelbert S. Hammond.

Keeper of Lockup.

Charles H. Dunlap.

Special Police.

Richard G. Gilley.
George R. Hussey.
James A. Mott.
J. P. M. S. Pitman.
Joseph W. Glass.
John Burnett.
John F. Ward.
Lemuel W. Pickard.
B. G. Pedrick.
Charles Q. Loud
Frank Griffin.
George M. Connor.
Frank E. Powers.
Michael Haley.
B. F. Reed.
Louis F. Amazeen.
Elias G. Hodgkin.
Patrick Cryan.
Louis G. Clark.
George H. Reed.
Edward G. Spaulding.
Sylvester F. Douglass.
Horace W. Blanchard.
George Newhall.
J. Frank Moore.
William R. Blaney.
Seth C. Kendrick.
Elmer I. Thompson.
George D. R. Durkee.
Wm. C. McNamara.

Pound Keeper.

JEFFERSON G. OWENS.

Field Driver.

RICHARD G. GILLEY.

Dog Officer.

RICHARD G. GILLEY.

Standing Committees.

Committee on Street Lights.

EDWIN A. FARNHAM, Chairman. FRANK J. LINNEHAN.
JOHN R. MERRITT. MARTIN L. QUINN.
FRANK L. BONNEY.

Schedule of Public Property.

Miscellaneous.

Swampscott Water Works	$180,779 24	
Town Hall and land	23,000 00	
Public Library	5,000 00	
Soldiers' Monument	3,000 00	
Hay scales	200 00	
Portable safe	200 00	
Steel box	25 00	
Piano	75 00	
Standard weights and measures	100 00	
Treasurer's safes	295 00	
Town Clerk's safe	75 00	
Collector's safe	50 00	
		$212,799 24

School Department.

Phillips School and land	$57,000 00	
Redington Street School and land	5,000 00	
Beach School and land	4,000 00	
Pine Street School and land	4,500 00	
Essex Street School and land	8,000 00	
Farm School and land	2,000 00	
Land, Essex street, opposite Cemetery	300 00	
Chemical Laboratory	1,900 00	
Laboratory supplies	400 00	
School furniture	2,300 00	
School supplies	800 00	
		$86,200 00

Cemetery Department.

Receiving tomb	$2,000 00	
Old tomb	20 00	
House	500 00	
Implements	45 00	
		$2,565 00

Police Department.

Nine revolvers	$45 00	
Forty-eight badges	55 00	
Nine handcuffs	29 00	
Nine twisters	9 00	
Ten billies	10 00	
Seventeen helmets	30 00	
One gun	20 00	
One cap	3 00	
Six belts and clubs	7 50	
Six lanterns	3 50	
Five chairs	7 50	
One table	3 50	
One gas heater	3 00	
One Public Statute	4 25	
Thirty-two dozen buttons	19 00	
One stop watch	7 00	
		$256 25

Fire Department.

Engine house, New Ocean Street	$6,750 00
Land and storage building	1,500 00
Mountain Park hose house and land	500 00
Steam fire engine	3,600 00
Hose wagon	450 00
Ladder truck	
Two crow-bars, 9 ladder hose straps, 2 hay hooks, 2 hay forks	
One 30-foot ladder	
Two 25-foot ladders	
One 22-foot ladder	
One 20-foot ladder	400 00
Two 17-foot ladders	
One 10-foot ladder	
One 50-foot ladder	
One 18-foot extension ladder	
Four fire-hooks and poles	
Two axes	
Six coal baskets, 5 hydrant wrenches	19 00
One supply wagon	75 00
One syphon	17 00
One army coat	2 50
Twenty-two alarm boxes	1,590 00
Stable tools	15 00
Fire alarm bell, Town Hall	800 00
Two fire-alarm strikers, one at Town Hall, one at Congregational church	550 00
Three gongs	166 00
Three tappers	45 00
Four hand chemicals	80 00
Two steam whistles	500 00
Eight horses	1,625 00
Three sets double harness	450 00
Amount carried forward	$19,134 50

Amount brought forward,	$19,134 50
One single harness . . .	35 00
One three-horse hitch . . .	150 00
Eight horse blankets in good order .	40 00
Two old blankets	3 00
Furniture and bedding . . .	75 00
Supplies for batteries . . .	100 00
Five play pipes	100 00
Twenty-four spanners . . .	6 00
Two wagon-jacks	6 50
Nine lanterns	4 50
Thirty-one rubber coats . . .	92 00
Canvas life net	20 00
Life sheet	35 00
One shut-off nozzle . . .	15 00
One shut-off gate	20 00
One plaster hook	3 00
Thirty-two badges	24 00
One repeater	300 00
One tape register	60 00
Two indicators	225 00
One nickle iron bar . . .	4 00
One patent horse collar . . .	15 00
Old ladders	20 00
18 feet soft suction	12 00
One heater for steamer . . .	25 00
One pump	20 00
One hydrant pump . . .	6 00
Eighty-six hydrants . . .	2,150 00
One light wagon	50 00
Hose reel and 300 feet hose, wrench and two spanners at John Shepard's, Atlantic avenue . .	200 00
Amount carried forward,	$22,950 50

Amount brought forward	$22,950 50	
Hose reel and 300 feet hose, wrench and two spanners at John Palmer's stable, Humphrey street . .	200 00	
Hose reel and 300 feet hose, wrench and two spanners at Lynn & Boston R. R. stables, Essex street .	200 00	
Hose reel and 400 feet hose, wrench, one axe, two spanners at Mountain Park Hose House . . .	250 00	
Hose reel and 400 feet hose, wrench and spanners at Lincoln House .	250 00	
Two hundred and fifty feet hose, wrench and two spanners at Evans & Cole's stable, Orient street .	125 00	
Twenty-seven hundred feet cotton hose, rubber lined, two and one-half inch	1,350 00	
Eight hundred feet cotton hose, rubber lined, two and one-half inch, worthless.		

Chemical House, Phillips' Beach.

Chemical House and land . .	8,400 00	
One chemical engine . . .	2,225 00	
Two hand chemicals . . .	50 00	
One indicator	90 00	
One gong	45 00	
Two horses	450 00	
One set double harnesses . .	90 00	
Two horse blankets . . .	12 00	
Furniture and bedding . . .	75 00	
Supplies	160 00	
		$36,922 50

Highway Department.

Road roller	$3,250 00	
Stone crusher plant	3,600 00	
Gravel bank, Marblehead	500 00	
Storage building, New Ocean street	400 00	
Land with same	400 00	
Three street watering carts	750 00	
Victor road machine	150 00	
Six snow ploughs	235 00	
Tool house	25 00	
Two tool boxes	10 00	
Two sets double harness	87 00	
Two sets lead harness	21 00	
Five horse collars	15 00	
One cart harness	15 00	
One four-wheel tip-cart	156 00	
One-horse tip-cart	70 00	
One two-horse roller	225 00	
Tools	325 00	
100 ton crushed stone	125 00	
Supplies for crusher and roller	75 00	
		$10,434 00

Assessors' Department.

Plans and maps	$3,000 00	
Safe	90 00	
Desk	25 00	
Table	25 00	
Chairs	51 00	
Cabinet and cards	55 00	
		$3,246 00

Health Department.

Twenty-one generators	$50 00	
One wheelbarrow	2 00	
One dory	15 00	
One pair oars	1 00	
Two lanterns	1 50	
Four rakes	1 20	
Three forks	1 35	
One trowel	1 00	
Four garbage pails	5 00	
Three garbage barrels	9 00	
Lot and house, No. 7 Minerva street	2,100 00	
New Contagious Hospital	2,032 00	
Household goods at Hospital	186 22	
Carriage	50 00	
Carriage shed	84 00	
Office furniture (Town Hall)	141 00	
Flash light	3 00	
		$4,683 27

Sewer Department.

Pumping station	$6,862 64	
Pumping plant	7,634 00	
Land at station	1,144 63	
Office furniture and Fixtures	278 32	
Material on hand	887 49	
		$16,807 08

Summary.

Miscellaneous	$212,799 24
School Department	86,200 00
Cemetery Department	2,565 00
Police Department	256 25
Fire Department	36,922 50
Highway Department	10,434 00
Assessors' Department	3,246 00
Health Department	4,683 27
Sewer Department	16,807 08
Total	$373,913 34

Records of the Town Clerk.

Annual Town Meeting, March 16, 1903.

TOWN WARRANT.

ESSEX, SS.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in elections, and in Town affairs, to meet at the Town Hall in said Swampscott, on Monday, the sixteenth day of March, current, at six o'clock in the forenoon, then and there to act on the following articles, viz :—

ARTICLE 1. To choose a Moderator to preside in said meeting.

ART. 2. To choose a Town Clerk for one (1) year.

To choose a Board of Selectmen for the year ensuing.

To choose one member of the Board of Assessors for two (2) years.

To choose one member of the Board of Assessors for three (3) years.

To choose a Town Treasurer for one (1) year.

To choose a Collector of Taxes for the year ensuing.
To choose one member of the School Committee for one (1) year.
To choose one member of the School Committee for three (3) years.
To choose one member of the Board of Trustees of the Public Library for three (3) years.
To choose a Board of Auditors for the year ensuing.
To choose one Overseer of the Poor for three (3) years.
To choose one member of the Board of Health for three (3) years.
To choose a Surveyor of Highways for the year ensuing.
To choose three Constables for the year ensuing.
To choose a Park Commissioner for one (1) year.
To choose a Park Commissioner for three (3) years.
To choose a Water Commissioner for three (3) years.
To choose a Sewer Commissioner for three (3) years.
To choose a Tree Warden for the year ensuing.
All to be chosen on one ballot.

Art. 3. To vote by ballot "Yes" or "No" upon the question: Shall Licenses be granted for the sale of Intoxicating Liquors in this Town.

Art. 4. To hear and act upon the reports of the Auditing Committee, the Board of Selectmen, the School Committee, the Board of Trustees of the Public Library, the Engineers of the Fire Department, the Superintendent of Cemetery, the Board of Health, the Chief of Police, the Milk Inspector, the Committee on Street Lights, the Water Commissioners, the Surveyor of Highways, the Inspector of Cattle, Provisions, etc., the Park Commissioners, the Sewer Commissioners, the Tree Warden, and the Committee on the 50th Anniversary.

ART. 5. To raise such sums of money as may be necessary to defray Town charges for the ensuing year, and make appropriations therefor.

ART. 6. To see if the Town will accept the list of names for Jurors, as prepared and posted by the Selectmen.

ART. 7. To see what amount of bonds will be required of the Town Treasurer for the ensuing year.

ART. 8. To see if the Town will authorize the Treasurer, with the approval of the Board of Selectmen, to borrow money in anticipation of taxes.

ART. 9. To see what amount of bonds will be required of the Collector of Taxes for the ensuing year.

ART. 10. To see what action the Town will take in regard to the collection of taxes, and what rate of discount, if any, will be allowed for prompt payment on or before a certain date.

ART. 11. To see if the Town will appropriate the sum of one hundred and fifty ($150) dollars to be placed in the hands of James L. Bates Post, 118, G. A. R., towards defraying the expenses of Memorial Day.

ART. 12. To get the sense of the voters of the Town as to whether it is advisable or not to lay out a Town Way from Essex street to Columbia street, conformable to plans on file in the Town Clerk's Office, or upon any other plan.

ART. 13. To see if the Town will amend Section 2 of Article 3 of the By-laws, so as to authorize the payment of money by the Town Treasurer, upon orders drawn by the Sewer Commissioners, or a majority of the members of said Board.

ART. 14. To see what action the Town will take to fix the amount of salary for Town Officials for the ensuing year.

Art. 15. To see if the Town will vote to pay George T. Till, Collector of Taxes for 1902 the full year's salary.

Art. 16. To see if members of the Board of Water Commissioners shall be required to provide adequate bonds as is customary with all officers holding in trust the moneys of the Town, as petitioned for.

Art. 17. To see if the town will vote to give a lot of land on Pine street to the Woman's Relief Corps for the purpose of building a Grand Army Hall, and appropriate money for the foundation, as petitioned for.

Art. 18. To see what action the Town will take in regard to purchasing a safe and desk for the use of the Assessors, and appropriate money for the same.

Art. 19. To see what action the Town will take in providing for and maintaining an additional or auxiliary piece of Fire Apparatus, to be stationed in the vicinity of Beach Bluff, and appropriate money for the same, as petitioned for.

Art. 20. To see what action the Town will take to erect and maintain a Fire Alarm Box at the junction of Farragut and Ellis roads, and appropriate money for the same, as petitioned for.

Art. 21. To see what action the Town will take to erect and maintain a Fire Alarm Box at the corner of Thomas and Elmwood roads, and appropriate money for the same, as petitioned for.

Art. 22. To see if the Town will place a hydrant at the corner of Thomas and Elmwood Roads, with eight inch pipe running from Burrill street, and appropriate money for the same, as petitioned for.

Art. 23. To see if the Town will place an Incandescent Light in Mapledale avenue, and appropriate money for the same, as petitioned for.

Art. 24. To see if the Town will place an Electric Arc Light at the junction of Ellis road and the State Highway, and appropriate money for the same, as petitioned for.

Art. 25. To see what action the Town will take to properly light that part of the State Highway, which is east of the Railroad bridge, and appropriate money for the same, as petitioned for.

Art. 26. To see what action the Town will take to move the street crossing across Humphrey street, opposite 374 to the foot of Ingalls terrace, and that a double crossing be laid instead of a single one, and appropriate money for the same, as petitioned for.

Art. 27. To see what action the Town will take in placing a Double Street Crossing across Maple avenue, where it connects with Columbia street, and another at the junction of Burrill street and Maple avenue, and appropriate money for the same, as petitioned for.

Art. 28. To see if the Town will construct a Street Crossing, running from 36 to 38 Orient street, across Marshall street, as petitioned for.

Art. 29. To see if the Town will place a Street Crossing on Sheridan Road near Walker road, also at the junction of Monument avenue and Walker road, and on Walker road near Outlook road, and appropriate money for the same, as petitioned for.

Art. 30. To see if the Town will accept Phillips avenue as laid out by the Selectmen, and reimburse the Phillips estate the value of water pipes in said street; and appropriate money for the same.

Art. 31. To see if the Town will accept Chatman avenue, as laid out by the Selectmen.

Art. 32. To see if the Town will accept Ingalls terrace, as laid out by the Selectmen, and appropriate money for the same.

Art. 33. To see if the Town will accept Grant road as laid out by the Selectmen.

Art. 34. To see if the Town will accept Hardy road as laid out by the Selectmen.

Art. 35. To see if the Town will accept Outlook road as laid out by the Selectmen.

Art. 36. To see what action the Town will take to appropriate money for the improvement of Buena Vista street, as petitioned for.

Art. 37. To see if the Town will appropriate money to move and repair the old Stone Crusher, or to purchase a new portable one, and appropriate money for the same, as petitioned for.

Art. 38. To see if the Town will appropriate money for a Steam Road Roller, and appropriate money for the same, as petitioned for.

Art. 39. To see what action the Town will take towards securing Road Building Material from the owner of land on Elmwood road, near the corner of Sheridan road, and appropriate money for the same, as petitioned for.

Art. 40. To see what action the Town will take to place a Catch Basin on Roy street, near Hillside avenue, and appropriate money for the same.

Art. 41. To see what action the Town will take to procure a suitable safe for the use of the Town Treasurer, and appropriate money for the same.

Art. 42. To see if the Town will authorize and direct the Town Treasurer in the name and behalf of the Town to borrow such sums of money as may be needed for the use of the Sewer Commissioners in the extension of the system of Sewerage, in accordance with any vote which may be passed by the Town, or for the completion of the system already authorized, and to make all necessary provisions for the issue and payment of any notes or bonds authorized hereunder.

Art. 43. To see if the Town will authorize the Sewer Commissioners to extend the Sewer on Orient street to connect with the Private Sewer built by Mr. F. P. Farrar on the Jeffries estate, and appropriate money for the same.

Art. 44. To see what action the Town will take to reimburse the Sewer Commissioners the sum of Three Thousand Dollars, money expended to reconstruct the drain on the State highway and Burrill street, money to be raised by loan.

Art. 45. To see if the Town will instruct the Water Commissioners to sell the whole or a part of the land on Pine street, formerly used in connection with the pumping station, together with the buildings thereon, and empower said Commissioners to convey the same.

Art. 46. To see what action the Town will take, that any one desiring to have a Water Meter, shall be permitted to have the same, by applying for the same to the Water Board, and shall have it put in, and any person having a meter put in their house, shall pay the price of the meter, and the rates shall be the same as in Lynn, Mass. No one shall be compelled to take a meter unless they wish the same, as petitioned for.

ART. 47. To see what action the Town will take toward purchasing land for the purpose of making a Play Ground for the Town's children, to be in proximity of the Hay Scales, and appropriate money for the same, as petitioned for.

ART. 48. To see if the Town will instruct the Board of Health to dispose of the house and lot on Minerva street formerly used as a contagious hospital, and empower said Board to convey the same.

ART. 49. To see what action the Town will take, that the stage of the Town Hall be provided with a permanent front with drop curtain and settings of scenery and suitable drops for the interior of the stage, and the arch and side partitions of the old stage be removed, and that the Town appropriate Four Hundred Dollars for the same.

ART. 50. To see what action the Town will take in determining how money shall be raised to pay for permanent improvements.

The polls to be closed at sunset.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting aforesaid.

Given under our hands this second day of March, in the year nineteen hundred and three.

JOSEPH M. BASSETT,
EDWARD A. MAXFIELD,
CLARENCE B. DELANO,
Selectmen of Swampscott.

A true copy. Attest:
RICHARD G. GILLEY,
Constable.

Return on the Warrant.

Pursuant to the within Warrant to me directed, I have notified the inhabitants of the Town of Swampscott, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Depots, Post Offices, and thirty other public and conspicuous places in said Swampscott, on Friday, the sixth day of March, 1903, the posting of said notices being seven days, at least, before the time of said meeting.

Attest: RICHARD G. GILLEY,

Constable of Swampscott.

Pursuant to the foregoing Warrant, the voters of the Town met in the Town Hall on Monday, March 16, 1903, and were called to order at six o'clock, A. M., by the Town Clerk, who read the Warrant calling the meeting, and the Officers' return thereon.

ARTICLE 1. To choose a Moderator.

On motion it was voted, that the Clerk cast one ballot for Edward H. Thomas for Moderator. Having cast that ballot, Edward H. Thomas was declared elected Moderator, and duly qualified by the Clerk for that duty.

The following having been appointed by the Selectmen, were sworn to their respective duties by the Clerk: Ballot Clerks, Jas. L. Taylor, (Rep.) and Willis C. Paul, (Dem.) Tellers, W. Herbert Webster, Frank V. Porter, J. Henry Widger, Benj. F. Rich, Edgar M. Tuttle, Henry P. Peters, (Rep.) Sidney M. Shattuck, Wm. H. Collins, Bernard McDermott, H. Byron Martin, Frank D. Thurston, and Albert D. Stone, (Dem.) All requirements of law having been complied with, the polls were declared open at 6.15 A. M. and closed at 5.51 P. M., 964 general, and 10 special ballots having been cast. At 8.05 the following result of the balloting was declared:

For Selectmen—Joseph M. Bassett, 509, elected; Clarence B. Delano, 613, elected; John M. Grosvenor, Jr., 436, elected; George A. R. Horton, 411; Martin L. Quinn, 434; Frank Willey, 110; blanks, 379.

For Town Clerk—Milton D. Porter, 743, elected; scattering, 2; blanks, 219.

For Treasurer—L. Herbert Cahoon, 379; Benjamin O. Honors, elected, 486; blanks, 99.

For Collector of Taxes—William H. Carroll, 208; Daniel F. Knowlton, 222; George T. Till, 487, elected; blanks, 47.

For Assessor for two years—Peleg Gardner, 440; Edward A. Maxfield, 445, elected; blanks, 79.

For Assessor for three years—Gilbert Delano, 597, elected; Albert R. Ellis, 258; blank, 109.

For School Committee for one year—Charles A. Flagg, 614, elected; blanks, 360.

For School Committee for three years—Daniel E. Burtner, 444, elected; Enoch S. Eastman, 319; blanks, 211.

For Overseer of Poor for three years—Charles A. Blanchard, 343, elected; Joseph F. Curtis, 275; David W. Nisbett, 213; blanks, 133.

For Trustee of Public Library for three years—Elizabeth J. Hadley, 655, elected; blanks, 309.

For Sewer Commissioner for three years—Edward H. Curtis, 418; Oscar G. Poor, 457, elected, blanks, 89.

For Surveyor of Highways—John A. Cullen, 187; I. Irving Edgerly, 441, elected; James P. M. S. Pitman, 315; blanks, 21.

For Board of Health for three years—Richard P. Horton, 428; Jasper H. Stone, 450, elected; blanks, 86.

For Water Commissioner for three years—Willard C. Chase, 321; Samuel M. Kehoe, 523, elected; Martin V. B. Stone, 66; blanks, 54.

For Park Commissioner for one year—Stuart P. Ellis, 368; Fred C. March, 423; blanks, 173.

For Park Commissioner for three years—John J. Blaney, 484, elected; William Granger, 273; blanks, 207.

For Auditors—Herman F. Ashton, 443, elected; L. Frank Cahoon, 381, elected; John B. Earp, 479, elected; George R. Hussey, 344; Ralph E. Maxfield, 280; Bertram C. Melzard, 282; blanks, 683.

For Tree Warden—James T. Lyons, 315; George Newhall, 539; blanks, 110.

For Constables—Richard G. Gilley, 602, elected; Samuel T. Harris, 614, elected; Edwin G. Spaulding, 559, elected; scattering, 3; blanks, 1,114.

License Question—No, 630; yes, 172; blanks, 162.

Voted at 8.15 P. M., to adjourn to to-morrow, Tuesday evening, at 7.30 o'clock.

Attest: MILTON D. PORTER,
Town Clerk.

Adjourned Annual Town Meeting, March 17, 1903.

In accordance with the previous adjournment, the voters of the Town met in the Town Hall on Tuesday evening, March 17, 1903, and were called to order at 7.30 o'clock by the Moderator.

The records of the last meeting were read and declared approved.

Art. 4. Voted, To accept all reports of the departments in so far as they contain no recommendations.

Voted, To lay upon the table that part of the Selectmen's Report relating to the Norfolk avenue drain, along the State highway, the same to be taken up with Article 44.

Voted, To lay upon the table that part of the Tree Warden's Report relating to an appropriation, to be taken up with the Selectmen's Estimate of General Appropriations.

Voted, That all the reports of departments be laid upon the table to be taken up with the articles to which they refer.

Voted, To lay Articles 5, 6 and 7 upon the table, and to take up Article 8.

Art. 8. Voted, That for the purpose of procuring a temporary loan to, and for the use of the Town, in anticipation of the taxes of the present year, the Town Treasurer is hereby authorized and directed to borrow from time to time, with the approval of the Board of Selectmen, at an interest rate not to exceed six (6) per cent. a sum or sums in the agregate amounting to $50,000, and to execute and deliver the note or notes of the Town therefor, payable within one year from the time the loan is made, and any debt or debts incurred by a loan or loans to the Town, under this vote, shall be paid from the taxes of the present year.

Voted, That Articles 14, 15, 17, 18, 19, 20, 21, 22, 26, 27, 28, 29, 36, 37, 38, 39, 40, 41, 47, 49, 50 be referred to a committee to consist of the Moderator, the Town Clerk, Town Trea-

surer, the outgoing Board of Selectmen, the incoming Board of Selectmen, and 25 citizens at large to be appointed by the Moderator, to report in print to each voter previous to the adjourned meeting to be held in April next.

A motion to appropriate $300 to place a pipe rail fence around the Town Hall lot, was lost.

Voted, To take up Article 5, and to appropriate the following sums as recommended by the Board of Selectmen for the use of the several departments for the current year, viz :—

Selectmen's Department	$5,500 00
Highway	8,000 00
Sidewalk	1,500 00
Crushing Stone	1,000 00
Catch Basin and Gutters	900 00
Resetting Curbstones	300 00
Tree Warden	600 00
School ($2,500 extra)	23,500 00
Street Watering	2,500 00
Health, including collection of ashes and offal	3,500 00
Police	5,000 00
Street Lights	8,000 00
Poor	3,300 00
Fire, receipts, etc.	5,750 00
Town Hall, receipts, etc.	1,200 00
Concrete and Curbstone	500 00
Cemetery	750 00
Library, receipts, etc.	700 00
Care Monument Lot	35 00
Memorial Day	150 00
Water Rates	950 00
Soldiers' and Sailors' Aid	1,500 00
Interest (estimated)	8,200 00
State Tax "	3,500 00
County Tax "	5,500 00
Sewer Bonds	3,100 00
	$95,435 00

Art. 6. Jury List. The following having been excused at their own request, John A. Cullen, John A. Rogers, Allen S. Rowe, John B. Earp, and Frank H. Bassett, it was voted to accept the list posted by the Selectmen as thus amended:

Adams, John I.	Painter.
Ashton, Hermon F.	Manufacturer.
Ashton, Elliott M.	Painter.
Baker, Freeman A.	Paper hanger.
Blanchard, George H.	Fisherman.
Blanchard, Horace W.	Superintendent.
Bradford, Frank H.	Paper hanger.
Cahoon, L. Herbert	Fisherman.
Cann, John W.	Shoemaker.
Carter, Lewis N.	Agent.
Collins, William H.	
Connor, George M.	Shoemaker.
Curtis, J. B. P.	Storekeeper.
Curtis, Edward H.	Clerk.
Delano, Gilbert	Carpenter.
Douglass, Henry E.	Fisherman.
Douglass, Rodney A.	Fisherman.
Doughty, Willis E.	Sole cutter.
Ellis, Stuart P.	Photographer.
Glass, Joseph W.	
Heath, George A.	Boat builder.
Knowlton, Daniel F.	Upholsterer.
Merritt, John R.	Manufacturer.
Moore, J. Frank	
Morris, Stephen D.	Fish dealer.
Moulton, James H.	Salesman.
Mudge, Henry L.	Clerk.
Melzard, George T.	Foreman.
Nies, Martin E.	Plumber
Nisbett, David W.	
Phippen, Charles H.	Plumber.
Phillips, James E.	Painter.
Porter, Milton D.	Insurance.

Quinn, Martin L. . .	Roofer.
Roberts, Edward B. . .	Livery.
Rowell, Charles G. . .	Mason.
Russell, Edmund . . .	Insurance.
Spaulding, Edwin G. . .	Watchman.
Spinney, George F. . .	Shoemaker.
Stone, Jasper H. . . .	Salesman.
Taylor, James L. . . .	Barber.
Thomas, Edward H. . .	Hatter.
Tuttle, Edgar M. . . .	Paper hanger.
Webster, George C. . .	Clerk.
Wiley, Edwin F. . . .	Mason.
Widger, J. Henry . . .	Expressman.

ART. 7. Voted, That the bonds required of the Treasurer be $10,000.

ART. 9. Voted, That the bonds of the Collector of Taxes be $5,000.

ART. 10. Voted, That a discount of 2 per cent. be allowed on all taxes paid on or before October first of the current year.

ART. 12. Pending discussion on a resolve offered by Mr. Waterhouse, that, "It is the sense of this meeting that a Town Way should be laid out from Columbia street to Essex street, conformable to plans on file in the Town Clerk's office," a motion to indefinitely postpone this Article was carried.

ART. 13. Mr. Tuttle offered a motion that Section 2 of Article 3 of the By-Laws of the Town is hereby amended by adding thereto the following words, namely: Provided, however, that for all debts contracted by the Sewer Commissioners of the Town payment may be made by a draft upon the Town Treasurer, signed by said Sewer Commissioners, or a majority of such Commissioners, and a draft so signed shall be sufficient authority to the Treasurer for the payment of the amount thereof.

An amendment offered by Mr. Stubbs, That the vote of 1899 in relation to the By-laws of Section 2, Article 3, be rescinded, and Article 3 remanded, and all bills drawn on the Town Treasury shall be presented to the Selectmen for their approval, was carried.

Voted, To take up Articles 42, 43 and 44 together. On motion of Mr. Sprague it was voted, Article 42, unanimously:

That the Town Treasurer be and he hereby is authorized to execute and issue in the name and behalf of the Town the promissory notes of the Town for three thousand dollars to secure a loan for such amount for the use of the Sewer Commissioners in the extension of the system of sewerage, in accordance with any vote which may be passed by the Town, or for the completion of the system already authorized, said sum to be borrowed by the Treasurer upon three promissory notes for one thousand dollars each, one note to be payable one year from the date of such note, one note to be payable two years from the date of such note, and the third note to be payable three years from the date of such note, each note to be signed by the Treasurer of the Town and countersigned by the Sewer Commissioners, or a majority of such Commissioners. Each note shall bear upon its face the words "Swampscott Sewerage Loan," and shall bear interest at a rate not exceeding five per cent per annum.

Art. 43. Voted, That the Sewer Commissioners be authorized to extend the sewer on Orient street to connect with sewer built by Mr. Farrar.

Art. 44. Voted unanimously, That the sum of $3,000 be appropriated to reimburse the Sewer Commissioners for money expended to reconstruct the drain on the State highway and Burrill streets, the same to be raised by loan.

Voted, on motion of M. E. Nies, That the Selectmen, in conjunction with the Park Commissioners, proceed in a legal manner to regain possession of King's Beach, now held by the State of

Massachusetts, and properly belonging to the Town under contract made with the State, whereby the State was to turn over the same to the Town without restriction or provision.

Voted, at 10 P. M., to adjourn to to-morrow, Wednesday evening, March 18th, at 7.30 o'clock.

Attest: MILTON D. PORTER,
Town Clerk.

Adjourned Annual Town Meeting, March 18, 1903.

Meeting called to order at 7.40 o'clock, P. M., by the Moderator.

Records of the last meeting read and declared approved.

Voted, To lay Article 16 upon the table, and to take up Article 46.

Art. 46. A. R. Ellis moved that any one desiring to have a water meter shall be permitted to have the same by applying for the same to the Water Board, applicant to pay the price of the meter, and the rates same as in Lynn; after discussion, on a division of the house, the motion was lost, 38 yes to 41 no.

Voted, That the sum of $170 be appropriated for two new fire alarm boxes and a figure indicator, as recommended by the Chief Engineer of the Fire Department.

Voted, To refer Articles 16, 30 and 32 to the Committee of Twenty-five.

Voted, To refer Articles 23, 24 and 25 to the Committee on Street Lights, and that the same Committee on Street Lights serve in that capacity for the ensuing year.

Art. 31. Voted, To accept Chatman avenue, as laid out by the Selectmen, when all the waivers are signed.

Art. 33, Voted, To accept Grant road, as laid out by the Selectmen, when all the waivers are signed.

Art. 43. Voted, To accept Hardy road, as laid out by the Selectmen, when all the waivers are signed.

Art. 35. Voted, To accept Outlook road, as laid out by the Selectmen, when all the waivers are signed.

Voted, That Article 45 be indefinitely postponed.

Art. 48. Voted, That the Selectmen and the Board of Health be authorized to dispose of the house and lot on Minerva street, formerly used as a contagious hospital, and to convey the same.

Voted, that when we adjourn, it be to Tuesday, April 21, 1903, at 7.30 P. M.

On motion of Mr. Stubbs, it was voted, That a record be kept in each department of the town of all contracts that are given out, with the name of each bidder and the amount of each bid, the bidders to be notified and the bids opened in their presence, for their inspection, the same to be inserted in our annual report.

Voted, To take up the report of the Board of Health.

On motion of Mr. Stubbs, it was voted, That the report of the Board of Health be laid upon the table until they state to the Town their reasons for not complying with a vote of the Town.

Voted, at 8.45 P. M., to adjourn.

Attest: MILTON D. PORTER,
Town Clerk.

Recount of Votes Cast for Third Selectman at the Annual Town Election, March 16, 1903.

SWAMPSCOTT, March 20, 1903.

A petition having been presented, and notice served upon the Town Clerk, asking for a recount of the ballots cast at the Annual Town Election, on the 16th inst., for John M. Grosvenor, Jr., and Martin L. Quinn for the office of Selectman, the Board of Registrars of Voters met on March 19, 1903, and canvassed and recounted the ballots cast for said Grosvenor and and Quinn, with the following result:

John M. Grosvenor, Jr., four hundred and thirty-four (434); Martin L. Quinn, four hundred and thirty-five (435), when Martin L. Quinn was declared elected and the parties notified.

MILTON D. PORTER,
Clerk of Board of Registrars of Voters.

Attest: MILTON D. PORTER,
Town Clerk.

The Committee of Citizens authorized under a previous vote to consider certain Articles in the Annual Town Warrant, and to report on the same at the adjourned meeting was appointed by the Moderator as follows:

Moderator.—Edward H. Thomas.

Town Clerk.—Milton D. Porter.

Town Treasurer.—Benjamin O. Honors.

Selectmen.—Jos. M. Bassett, Clarence B. Delano, Martin L. Quinn.

Outgoing Selectman.—Edward A. Maxfield.

Citizens at Large.—Edwin A. Farnham, Henry J. Pedrick, Bernard McDermott, Henry N. Cullen, Frank J. Linnehan, Willis E. Doughty, Geo. C. Webster, Herman F. Ashton, Jas. T. Lyons, Oscar G. Poor, Henry B. Sprague, Aaron R. Bunting, I. Irving Edgerly, J. P. M. S. Pitman, Jasper H. Stone, Frank B. Stratton, Willard C. Chase, Frank L. Bonney, Chas. S. Haskell, H. Cushing Bulfinch, Frank E. Ingalls, Geo. A. Jackson, Daniel F. Knowlton, Edmund Russell, Gilbert Delano.

Attest: MILTON D. PORTER,
Town Clerk

Special Town Meeting, April 7, 1903.

TOWN WARRANT.

Essex, ss.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in elections, and in Town affairs, to meet at the Town Hall in said Swampscott, on Tuesday, the Seventh day of April, current, at seven-thirty o'clock in the P. M., then and there to act on the following articles, viz.:

Article 1. To choose a Moderator to preside in said meeting.

Art. 2. To see what action the Town will take, if any, with relation to the connections from the sewarage system now being installed to estates abutting upon any sewered street or way, and in what manner such sewer connections shall be paid for, and to pass any votes in relation to such sewer connections.

ART. 3. To see if the Town will authorize and direct the Sewer Commissioners, in the name and behalf of the Town, to petition the General Court of the Commonwealth now sitting for any amendment to Chapter 86 of the year 1902 relating to the Swampscott Sewerage System, whereby the Town may borrow a sum of money not exceeding Fifty Thousand Dollars ($50,000) in addition to the amount at present, authorized under said Chapter 86, for the purpose of making such sewer connections and in the further carrying out of the provisions of said Chapter 86, and to provide for assessments or charges against estates so connected, to secure reimbursement to the Town for the whole or any part of such expenditures made upon such connections; or for any other amendment of said Act in relation to the Sewerage System of the Town of Swampscott, and connections thereto from private estates.

ART. 4. To see what action the Town will take to place an electric arc light on Norfolk avenue, midway between Middlesex avenue and Paradise road, and appropriate money for the same, as petitioned for.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk at the time and place of meeting aforesaid.

Given under our hands this twenty-seventh day of March, in the year nineteen hundred and three.

JOSEPH M. BASSETT,
C. B. DELANO,
M. L. QUINN,
Selectmen of Swampscott.

A true copy. Attest:
RICHARD G. GILLEY,
Constable.

Return on the Warrant.

Pursuant to the within Warrant to me directed, I have notified the inhabitants of the Town of Swampscott, qualified as herein expressed, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Town Hall, Depot, Post Office, and twenty-five other public and conspicuous places in said Swampscott, on Tuesday, the thirty-first day of March, in the year nineteen hundred and three, the posting of said notices being at least seven days before the time of said meeting.

RICHARD G. GILLEY,

Constable of Swampscott.

In accordance with the foregoing Warrant, the voters of the Town met in Town Hall on Tuesday, April 7, 1903, and were called to order at 7.30 P. M. by the Town Clerk, who read the Warrant and the return thereon.

Article 1. Edward H. Thomas was elected and qualified as Moderator.

Art. 2. It was unanimously voted, on motion of E. M. Tuttle, that it is the sense of this meeting that the sewer connections, from the main sewers in any street or way, and all connections with any permanent underdrains where laid in connection with such sewers, shall be made and paid for in the first instance by the Town, under the direction of the Board of Sewer Commissioners, and that such connections in all sewered streets shall be made as soon as practicable after such street is sewered.

Art. 3. On motion of Benjamin G. Ingalls, it was unanimously voted, that the Town authorize and direct the Sewer Commissioners to petition the General Court, now sitting, in the name and behalf of the Town, for an amendatory enactment to Chapter 86 of the Acts of the year 1902, which shall give to the Town of Swampscott the right to borrow the further sum of

fifty thousand dollars in addition to the amount already authorized under said Chapter 86, for the purpose of constructing particular sewers from main sewers to the street line of abutters, and in further carrying out the provisions of said Chapter 86; said further sum to be borrowed upon the same terms and conditions and with the same power in behalf of said Town as provided in said Chapter 86; and that said amendatory enactment further provide that the estimated average cost on each section for said particular sewers and drain connections for estates shall be assessed by said Board of Sewer Commissioners upon the estates benefited thereby, each estate to pay for the estimated average cost of all connections on each section put in for its particular benefit; all such assessments to be subject to the same conditions and to have, if desired, a division of such particular sewer or drain assessment into annual proportional payments not exceeding ten, as is provided for in the said Chapter 86 with relation to assessments for main sewers upon abutting estates; and further, also, that the Town may by direct vote determine that any street or way shall have such particular sewer and drain connections put in from all abutting estates directly after the street or way has built in it a common sewer or main drain, and that all assessments for such sewer or drain connections shall be a lien upon the estate benefited, as provided in case of other drains and sewers.

Art. 4. Voted, That this Article be referred to the Street Light Committee, they to report thereon at the adjourned meeting in April.

Voted, at 7.55 P. M., to dissolve the meeting.

Attest: MILTON D. PORTER,

Town Clerk.

Adjourned Regular Town Meeting, April 21, 1903.

In accordance with the previous adjournment, the voters of the Town met in the Town Hall, on Tuesday evening, April 21, 1903, and were called to order at 7.45 o'clock by the Moderator.

The records of the last meeting were read and declared approved.

The Committee of Citzens appointed at a previous meeting to consider and report upon certain Articles in the Warrant, presented their report in print: it having been distributed to the voters of the Town it was voted, That the report be accepted and that the several Articles reported upon be taken up in their order for action.

Art. 14. The Committee recommended a schedule for salaries of the Town officials for the ensuing year, when, pending a motion to accept and adopt, Mr. Percy F. Munsey moved, that the salaries be the same as last year, and that the Sewer Commissioners be paid the same amount of compensation as that now received by the Water Commissioners. Carried.

Art. 15. Voted, To pay George T. Till, collector, the balance of the year's salary for 1902, amounting to $66.67.

Art. 16. Voted, As recommended, that each member of the Board of Water Commissioners give a suitable bond for $3,000, to be held by the Selectmen, the Town to pay the premium and that action be taken on this matter each year.

Voted, To lay Art. 17 upon the table and to take up Art. 47.

Art. 47. Voted, 160 to 26, to indefinitely postpone this article.

Art. 17. Voted, To accept and adopt the report of the Committee to indefinitely postpone this article.

Art. 18. Your Committee recommend that a safe and desk be purchased and that $250 be appropriated for the same, to be expended under the direction of the Assessors. Voted, To accept and adopt the Committee's report on Art. 18.

Art. 19. Your Committee recommend the following: That the Town appropriate the sum of $12,000 for apparatus, house and land in the vicinity of Humphrey square to be expended under the direction of the Board of Selectmen and Fire Engineers. Voted, To accept and adopt the Committee's report on Art. 19.

Arts. 20 and 21. The Committee recommend that these articles be acted on together, and that $250 be appropriated for fire alarm boxes under these articles and that it be expended by the Board of Engineers. Voted to accept and adopt the Committee's report on Arts. 20 and 21.

Art. 22. The Committee reported that the petitioners have leave to withdraw; the report was not adopted. Voted, Art. 22, that a hydrant be placed at the corner of Thomas and Elmwood roads, as petitioned for, and that $500 be appropriated for the same.

Arts. 26, 27, 28, 29. Your Committee recommend that Arts. 26, 27, 28, 29 be taken up together and that on Art. 26 the prayers of the petitioners be granted; on Art. 27 that a single crossing be laid; on Art. 28 a single crossing be laid; and on Art. 29, on Sheridan and Walker roads, single crossings be laid; on Monument avenue, a single crossing, and on Outlook road the petitioners be given leave to withdraw; and the sum of $500 be appropriated to pay for same. Work to be done under the direction of the Highway Surveyor. Voted to accept and adopt the Committee's report on Arts. 26, 27, 28, 29.

Art. 30. Your Committee recommend that the avenue be accepted, as it is in excellent condition; and that the Town reimburse the Phillips estate to the extent of $300, less than one-half the cost of the pipe in this thoroughfare, and that the payment for same be taken from the funds of the Water Department. Voted to accept and adopt the report of the Committee on Art. 30.

Art. 32. Your Committee recommend that Ingalls terrace be accepted as laid out by the Selectmen and the sum of $450 be appropriated to build iron steps in place of the wooden ones. This sum to be spent under the direction of the Highway Surveyors. Voted to accept and adopt the Committee's report on this article.

Art. 36. To see what action the Town will take to appropriate money for the improvement of Buena Vista street as petitioned for. Your Committee after careful investigation recommend that the sum of $1,000, be appropriated to be spent under the direction of the Highway Surveyor. Voted to accept and adopt the Committee's report on this article.

Arts. 37, 38. Voted, To take up Arts. 37 and 38 jointly. Voted, To appropriate $6,000 to carry out Arts. 37 and 38 and the same to be carried out under the direction of the Highway Surveyor, the Board of Selectmen and J. P. M. S. Pitman. Voted, To accept and adopt the Committee's report on Arts. 37 and 38.

Art. 39. Your Committee, after careful consideration recommend that the petitioners have leave to withdraw. Voted, To accept and adopt the Committee's report on Art. 39.

Art. 40. Your Committee recommend that the sum of $100 be appropriated to be spent under the direction of the Highway Surveyor. Voted, To accept and adopt the report of the Committee on this article.

ART. 41. Your Committee recommend that a safe be purchased and the sum of $275 be appropriated. Voted, To accept and adopt the Committee's report on Art. 41.

ART. 49. Your Committee recommend that it is inexpedient to take any action in this matter. Voted, That the Committee's report on Art. 49 be accepted and adopted.

ART. 50. Voted, That the sum of $21,000 be raised by loans under the direction of the Town Treasurer and the Board of Selectmen, to pay for permanent improvements.

Voted, To accept and adopt the report of the Park Commissioners, and to appropriate $1,000 for their use the coming year.

Voted, That $750 be added to the appropriation for the Fire Department, for a permanent man as recommended by the Chief Engineer.

ART. 23. Voted, That $16 be appropriated for an incandescent light to be placed in Middlesex avenue as recommended by the Street Light Committee.

ART. 24. Voted, To appropriate $16 to place an incandescent light at the corner of the State and Ellis roads.

ART. 25. Voted, To appropriate $134 for maintaining two arc lamps on the State highway, east of the B. & M. R. R. bridge, for one year, as recommended by the Street Light Committee.

Voted, That the sum of $67 be appropriated for an arc light on Norfolk avenue, between the State road and Middlesex avenue.

Voted, at 9.15 P. M., To dissolve the meeting.

Attest: MILTON D. PORTER,

Town Clerk.

Special Town Meeting, June 30, 1903.

TOWN WARRANT.

Essex, ss.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in election, and in Town affairs, to meet at the Town Hall, in said Swampscott, on Tuesday, the thirtieth day of June, current, at seven-thirty o'clock in the evening, then and there to act on the following articles, viz:

Article 1. To choose a Moderator to preside in said meeting.

Art. 2. To see if the Town will appropriate the sum of $9,000 for Highway improvements.

Art. 3. To see if the Town will vote to build a new box drain, commencing at the easterly end of Atlantic avenue culvert and continuing therefrom 120 feet, and appropriate money for the same, as petitioned for.

Art 4. To see if the Town will appropriate the sum of $150 for the Board of Assessors to introduce the Library or Card System.

Art. 5. To see if the Town will appropriate the sum of $750 for the purpose of widening and grading Roy street (so called) as already laid out and accepted by the Town, as petitioned for.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting as aforesaid.

Given under our hands, this nineteenth day of June, in the year nineteen hundred and three.

JOS. M. BASSETT,
C. B. DELANO,
MARTIN L. QUINN,

Selectmen of Swampscott.

A true copy. Attest:

RICHARD G. GILLEY,

Constable.

Return on the Warrant.

Pursuant to the within Warrant to me directed, I have notified the inhabitants of the Town of Swampscott, qualified as herein expressed, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Town Hall, Depots, Post Office, and fifteen other public and conspicuous places in said Swampscott, on Monday, the twenty second day of June, in the year nineteen hundred and three, the posting of said notices being at least seven days before the time of said meeting.

RICHARD G. GILLEY,

Constable of Swampscott.

In accordance with the foregoing Warrant the voters of the Town met in the Town Hall on Tuesday evening, June 30, 1903, and were called to order at 7.35 o'clock by the Town Clerk, who read the Warrant and the return thereon.

ART. 1. Edmund Russell was chosen Moderator, and qualified.

ART. 2. If was unanimously voted to appropriate $9,000 for highway improvements.

ART. 3. It was voted, That for the purpose of building a new box drain to extend 70 feet from the sea wall at the easterly end of the Atlantic avenue culvert, the sum of $500 is hereby appropriated, to be expended under the direction of the Board of Selectmen and the Surveyor of Highways.

ART. 4. Voted, To appropriate $150 for the Board of Assessors to introduce the Library or Card System.

ART. 5. Voted, To appropriate $750 for the purpose of widening and grading Roy street (so called) as already laid out and accepted by the Town, the money to be expended under the direction of the Highway Surveyor.

Voted at 7.50 P. M., To dissolve the meeting.

Attest: MILTON D. PORTER,
Town Clerk.

Special Town Meeting, July 22, 1903.

TOWN WARRANT.

ESSEX, SS.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in elections, and in Town affairs, to meet at the

Town Hall in said Swampscott, on Wednesday, the twenty-second day of July, current, at 7.30 o'clock in the evening, then and there to act on the following articles, viz :—

ARTICLE 1. To choose a Moderator to preside in said meeting.

ART. 2. To see if the Town will accept Chapter 401 of the Acts and Resolves passed by the Massachusetts Legislature in the year 1903, entitled, "An Act to authorize the Town of Swampscott to make an Additional Sewerage Loan and to Construct Particular Sewers in any Street or Way."

ART. 3. To see if the Town will instruct and authorize the Board of Sewer Commissioners to make and lay connecting drains and particular sewers in any street or way in which sewers or underdrains have been laid in connection with the sewerage system now being installed or which are to be laid under existing contracts, such particular sewers and drains to be laid within the limits of the public streets or ways to connect estates abutting thereon, and to authorize said Board to make any contracts necessary therefor in the name and behalf of the Town.

ART. 4. To see if the Town will vote to issue any bonds, notes or scrip to an amount not exceeding ten thousand ($10,000) dollars, for the purpose of making such drain and sewer connections from the main sewers and drains as set forth in the preceding article, in accordance with the authority granted the Town under Chapter 401 of the Acts of 1903.

ART. 5. To see if the Town will vote that any and all streets and ways through which a common sewer or drain has been built in connection with the sewerage system installed under Chapter 86 of the year 1902 or under Chapter 401 of the year 1903, shall have the estates abutting thereon connected with such main drains or sewers in said streets or ways between such main drains or sewers, and the property lines of said streets or ways; and that such vote of the Town shall constitute a lien

upon all such estates when connected for any and all assessments which may be made for such connections under said Chapter 401 of the year 1903.

ART. 6. To see if the Town will accept the plan and description prepared by the Sewer Commissioners defining the section or sections of the Town within which sewer and drain connections are to be made in accordance with Chapter 401 of the year 1903 and determine that within such section or sections as set forth in said plan and description the cost of such connections shall be determined by said Board of Sewer Commissioners by taking the average cost of such particular sewers per foot and the average cost of such drain connections per foot, separately, and that when such average costs have been determined, the Sewer Commissioners shall assess each estate connected with the main sewers or drains by multiplying such average cost per foot by the number of feet in the length of any particular sewer or drain laid for each estate connected, in the manner and under the conditions provided in said Chapter 401 of the year 1903.

ART. 7. To see if the Town will vote to issue any notes, bonds or scrips for the further extension of the sewerage system as may be voted by the Town or for completion of the work already authorized, such notes, bonds or scrips to be issued under Chapter 86 of the year 1902, or under Chapter 401 of 1903, or under both of said chapters and to pass any vote necessary to enable the Town to issue and negotiate such notes, bonds or scrip.

ART. 8. To see if the Town will vote to extend the present system of sewerage to and through Farragut road, and appropriate money for the same as petitioned for.

ART. 9. To see if the Town will construct a sewer, running from the present sewer in Thomas road, easterly for a distance of 450 feet or to the easterly line of the Wessel lot on Elmwood road, and appropriate money for the same, as petitioned for.

ART. 10. To see if the Town will extend the sewer system through Ellis road, between Paradise and Farragut roads, and appropriate money for the same, as petitioned for.

ART. 11. To see if the Town will consider the petition of Elizabeth F. D. Sargent, of Swampscott, asking compensation for injury to a certain private road or way, said injury being caused by the use of said way by the Town of Swampscott and the inhabitants thereof, and for the purpose of taking appropriate action upon the said petition, as petitioned for.

ART. 12. To see if the Town will extend the sewer pipe as far as the residence of Charles B. White, on Norfolk avenue, and appropriate money for the same.

ART. 13. To see if the Town will extend the water pipe on Walker road, and appropriate money for the same.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, depot, post office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due returns of this warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting as aforesaid.

Given under our hands this thirteenth day of July, in the year nineteen hundred and three.

JOSEPH M. BASSETT,
C. B. DELANO,
M. L. QUINN,
Selectmen of Swampscott.

A true copy. Attest:

RICHARD G. GILLEY,
Constable.

Return on the Warrant.

Pursuant to the within Warrant, to me directed, I have notified the inhabitants of the Town of Swampscott, qualified as herein expressed, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Town Hall, depot, post office and fifteen other public and conspicuous places in said Swampscott, on Wednesday, the fifteenth day of July, in the year nineteen hundred and three. The posting of said notice being at least seven days before the time of said meeting.

RICHARD G. GILLEY,

Constable.

In accordance with the foregoing Warrant, the voters of the Town met in the Town Hall, on Wednesday evening, July 22, 1903, and were called to order at 7.30 o'clock by the Clerk, who read the Warrant and return thereon. Martin E. Nies was chosen and qualified as Moderator.

ART. 2. Voted unanimously, That the Town hereby accept Chapter 401 of the Acts and Resolves passed by the Legislature of Massachusetts in the year 1903, entitled "An Act to authorize the Town of Swampscott to make an additional Sewerage Loan, and to construct particular sewers in any street or way."

Voted, to take up Articles 7, 8, 9 and 10.

ART. 7. On motion of Benj. G. Ingalls, it was unanimously voted, That the Town issue bonds to the amount of $13,000, for the purpose of further construction and extension of the Sewerage System in accordance with the authority granted to said Town under Chapter 86 of the Acts and Resolves of the Massachusetts Legislature for 1902, entitled, "An Act to Authorize the Town of Swampscott to Construct a System of Sewerage," said bonds to be of the denomination of $1,000 each, and to have interest coupons thereto attached, and to have the privilege of registration,

said bonds or any portion thereof to be sold at such date or dates as may be deemed by the Board of Sewer Commissioners to be for the best interests of the Town; said bonds to be designated as Series F., numbered consecutively from one to thirteen, both inclusive; said bonds of Series F., shall be payable as follows, viz:

No.	1.	Payable	10	years	from	date	of	such	bond.
"	2.	"	11	"	"	"	"	"	"
"	3.	"	12	"	"	"	"	"	"
"	4.	"	13	"	"	"	"	"	"
"	5.	"	14	"	"	"	"	"	"
"	6.	"	15	"	"	"	"	"	"
"	7.	"	16	"	"	"	"	"	"
"	8.	"	17	"	"	"	"	"	"
"	9.	"	18	"	"	"	"	"	"
"	10.	"	19	"	"	"	"	"	"
"	11.	"	20	"	"	"	"	"	"
"	12.	"	21	"	"	"	"	"	"
"	13.	"	22	"	"	"	"	"	"

Each bond to be payable with interest at 3 1-2 per cent. per annum, payable semi-annually in each year, at such bank or trust company as the Town Treasurer shall determine, on presentation and surrender of the coupons therefor, as the same shall severally become due; that each of said bonds shall be signed by the Treasurer of the Town, and countersigned by a majority of the Sewer Commissioners of said Town, and bear on its face the words, "Swampscott Sewerage Loan," and that the Treasurer is hereby directed to affix to each of said bonds the seal of the Town, and to sell or negotiate said bonds under the direction of the Board of Sewer Commissioners, but not below par; and that the proceeds realized from the sale of said bonds shall be applied to defraying the expenses and liabilities incurred by the Town in carrying out the provisions of said Chapter 86.

The Town shall also issue bonds to the amount of $12,000 for the purpose of further construction and extension of the

Sewerage System in accordance with the authority granted the said Town under Chapter 401 of the Acts and Resolves of the Massachusetts Legislature for 1903, entitled, "An Act to authorize the Town of Swampscott to make an Additional Sewerage Loan and to construct Particular Sewers in any Streets or Ways," said Bonds to be of the denomination of $1,000 each and to have interest coupons thereto attached; with the privilege of registration; said Bonds or any portion thereof, to be sold at such date or dates as may be deemed by the Board of Sewer Commissioners to be for the best interests of the Town; said Bonds to be designated as Series G., numbered consecutively from one to twelve, both inclusive; said Bonds of Series G. shall be payable as follows, viz:—

No.	1,	payable	11	years	from	date	of	such	bond.
"	2,	"	12	"	"	"	"	"	"
"	3,	"	13	"	"	"	"	"	"
"	4,	"	14	"	"	"	"	"	"
"	5,	"	15	"	"	"	"	"	"
"	6,	"	16	"	"	"	"	"	"
"	7,	"	17	"	"	"	"	"	"
"	8,	"	18	"	"	"	"	"	"
"	9,	"	19	"	"	"	"	"	"
"	10,	"	20	"	"	"	"	"	"
"	11,	"	21	"	"	"	"	"	"
"	12,	"	22	"	"	"	"	"	"

Each bond to be payable with interest at 3 1-2 per cent. per annum, payable semi-annually in each year, at such bank or trust company as the Town Treasurer shall determine, on presentation and surrender of the coupons therefor, as the same shall severally become due; that each of said bonds shall be signed by the Treasurer of the Town, and countersigned by a majority of the Sewer Commissioners of said Town, and bear on its face the words, "Swampscott Sewerage Loan," and that the Treasurer is hereby directed to affix to each of said bonds the seal of the Town, and to sell or negotiate said bonds under the direction of the Board of Sewer Commissioners, but not below par; and

that the proceeds realized from the sale of said bonds shall be applied to defraying the expenses and liabilities incurred by the Town in carrying out the provisions of said Chapter 401 of the Acts of 1903 and of Chapter 86 of the Massachusetts Legislature for the year 1902.

ART. 8. Voted, That the Town extend the present system of sewerage in Paradise road to Farragut road, and through Farragut road from Paradise road to Andrew road, and that the necessary expense occasioned by such extension be met by the Sewer Commissioners from the loan authorized under Art. 7 of this Warrant.

ART. 9. Voted, That the Town extend the present system of sewerage in Elmwood road, from Thomas road easterly, a distance of about 450 feet, to the easterly line of the Wessel lot and that the necessary expense occasioned by such extension is to be met by the Sewer Commissioners from the loan authorized under Art. 7 of this Warrant.

ART. 10. Voted, That the Town extend the present system of sewerage through Ellis road, between Paradise and Farragut roads, the necessary expense occasioned by such extension to be met by the Sewer Commissioners from the loan authorized under Art. 7 of this Warrant.

Voted, to take up Article 12.

Voted, That the Town extend the present system of Sewerage in Norfolk avenue, from Stetson avenue, easterly, a distance of 320 feet, so as to include the house of Charles B. White and the necessary expense occasioned by such extension is to be met by the Sewer Commissioners from the loan authorized under Article 7 of this Warrant.

Voted, To take up Article 4. On motion of Weston K. Lewis it was voted, That the Town issue bonds to the amount o

$10,000, for the purpose of laying connecting drains and particular sewers within the streets and ways of the Town of Swampscott and for any and all purposes set forth in Chapter 86 of the Legislative Acts of 1902, such bonds to be issued under the authority granted the said Town by Chapter 401 of the Acts of the year 1903, entitled, "An Act to authorize the Town of Swampscott to make an Additional Sewerage Loan and to construct particular sewers in any street or way," such bonds to be of the denomination of $1,000 each, and to have interest coupons thereto attached; and to have the privilege of registration; said bonds or any portion thereof to be sold at such date or dates as may be deemed by the Board of Sewer Commissioners to be for the best interests of the Town; said bonds to be designated as Series E., and numbered consecutively from one to ten, both inclusive, and to be made payable,

No.	1.	One	year	from	date	of	such	Bond.
"	2.	Two	years	"	"	"	"	"
"	3.	Three	"	"	"	"	"	"
"	4.	Four	"	"	"	"	"	"
"	5.	Five	"	"	"	"	"	"
"	6.	Six	"	"	"	"	"	"
"	7.	Seven	"	"	"	"	"	"
"	8.	Eight	"	"	"	"	"	"
"	9.	Nine	"	"	"	"	"	"
"	10.	Ten	"	"	"	"	"	"

Each bond to be payable with interest at 3½ per cent. per annum, payable semi-annually in each year at such bank or trust company as the Town Treasurer shall determine, on presentation and surrender of the coupons therefor, as the same shall become severally due, that each of the said bonds shall be signed by the Treasurer of the Town, and countersigned by a majority of the Sewer Commissioners of said Town, and bear on its face the words, "Swampscott Sewerage Loan," and that the Treasurer is hereby directed to affix to each of said bonds the seal of the Town, and to sell or negotiate said bonds under the direction of he Board of Sewer Commissioners, but not below par, and that

the proceeds realized from the sale of said bonds shall be applied to defraying the expenses and liabilities incurred by the Town in carrying out the provisions of said Chapter 401 of the Legislative Acts of the year 1903.

Art. 3. Voted, On motion of A. R. Bunting, That the Town hereby instructs and authorizes the Board of Sewer Commissioners to make and lay connecting drains and particular sewers in any street or way in which sewers or underdrains have been laid in connection with the sewerage system, now being installed or which are to be laid under existing contracts, and all extensions of said sewerage system as voted by the Town in this and prior Town Meetings, such particular sewers and drains to be laid within the limits of the public streets or ways to any estate abbutting thereon, and the Board of Sewer Commissioners is hereby authorized to make any contracts necessary for the laying of such connecting drains and particular sewers in the name and behalf of the Town.

Act. 5. Voted, on motion of Mr. Bunting, That the estates abutting upon any and all streets and ways through which a common sewer or drain has been built in connection with the sewerage system installed under Chapter 86 of the Legislative Acts of the year 1902, or under Chapter 401 of the year 1903, or upon any street or way in which a sewer or drain is to be constructed as a part of such sewerage system under existing contracts and all extensions of said sewerage system as voted by the Town in this and prior Town Meetings, shall be connected with such main drains or sewers in said streets or ways between such main drains or sewers and the property lines of said streets or ways, and that the Town hereby makes any and all assessments which may be made for such sewer and drain connections under this vote and in accordance with the authority granted in Chapter 401 of the Acts of the year 1903, a lien upon all such estates when connected with the main drains or sewers.

Art. 6. On motion of Mr. Bunting, it was voted, To accept the following as presented by the Sewer Commissioners:

SWAMPSCOTT SEWERS.

SWAMPSCOTT, MASS.

The Sewer Commissioners of Swampscott hereby present for acceptance by the Town the following-described section of the Town of Swampscott, to be termed Section 1, for construction of particular sewers and connecting drains, and within said Section 1 all particular sewers and connecting drains are to be constructed within the limits of the streets or ways in which main sewers and drains are constructed, and upon which average costs of particular sewers and connecting drains are to be determined by the Sewer Commissioners, and assessments made in accordance with such average cost within said Section 1.

The Section 1 as herein referred to embraces the following streets and ways within the limits set forth:

Orient street, from private way to W. A. Jefferies' land to Humphrey street.

Woodbine avenue, from Orient street to Orient street.

Orient court, from Orient street to a passageway known as Tuttle's Lane.

Humphrey street, from the receiving basin of the Swampscott sewerage system to the Lynn line.

Blaney street, from Humphrey street to Redington street.

Rose street, from Blaney street to Rockland street.

Rockland street, from Rose street to Redington street.

Redington street, from Humphrey street to Rockland street.

Burrill street, from Humphrey street to Middlesex avenue.

New Ocean street, from King Brook to Burrill street.

Pine street, from New Ocean street to Railroad avenue.

Railroad avenue, from Pine street to Burrill street.

Boynton street, from Pine street to Burrill street.

Paradise road, from Burrill street to Farragut road.

Elmwood road, from Paradise road to Thomas road.

Shaw road, from Paradise road to Thomas road.

Andrew road, from Paradise road to Thomas road.

Thomas road, from Elmwood road to Andrew road.

Norfolk avenue, from Paradise road to Stetson avenue.
Berkshire street, from Paradise road to Middlesex avenue.
Hampden street, from Berkshire street to Middlesex avenue.
Middlesex avenue, from Burrill street to Hampden street.
Stetson avenue, from Norfolk avenue to Essex street.
Ellis road, from Paradise road to Farragut road.
Farragut road, from Paradise road to Andrew road.
Elmwood road, from Thomas road to Wessel lot.
Norfolk avenue, from Stetson avenue easterly to Summit.

All of which streets and portions thereof included in said Section 1 are shown upon the plan accompanying, the territory being indicated thereon in red and marked "Section 1," the plan being designated "Plan of Swampscott, Mass., Showing Division into Section for Assessments upon Particular Sewers and Connecting Drains, Scale 300 feet per inch, E. Worthington, Engineer, July, 1903."

Art. 11. Voted, To appropriate $300 to be paid to Mrs. E. F. D. Sargent as damage for injury to a certain private road known as Forest avenue, and owned by Mrs. Sargent and others, Mrs. Sargent agreeing to employ the sum so appropriated in the repair and improvement of said private road.

Art. 13. Voted, To accept and adopt Art. 13, and that $1,000 be appropriated therefor.

The following, offered by O. G. Poor, was

Resolved, That it is the sense of this meeting that the County Commissioners be petitioned to lay out Forest avenue, so called, from Humphrey square to Greenwood street, and build the same at the expense of the Town.

The following, on motion of James F. Lyons, was resolved, that

Whereas, The Boston & Northern Street Railway Co., formerly the Lynn & Boston Co., did agree to establish five-cent fares between Swampscott and Salem, also to and from Marblehead

in partial consideration for the right or franchise to the use of Essex street to complete its connection between Lynn and Salem, be it

Resolved, That the Selectmen be and are hereby authorized to at once communicate with said company, with the end in view of having the spirit as well as the letter of the agreement carried out to its full conclusion, and that further discrimination against citizens of the Town be remedied.

Voted, At 6.10 P. M. to dissolve the meeting.

Attest: MILTON D. PORTER,
Town Clerk.

State Election, 1903.

TOWN WARRANT.

ESSEX, SS.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in elections, to meet at the Town Hall, in said Swampscott, on Tuesday, the Third day of November next, it being the Tuesday next after the first Monday of said November, at six o'clock in the forenoon, then and there to bring in their votes to the Selectmen, on one ballot, for Governor, Lieutenant-Governor, Councillor for the Fifth Essex District, Secretary, Treasurer, Auditor, Attorney-General, Senator First Essex District, Two Representatives in General Court for Eleventh Essex District, County Commissioner, Register of Probate and Insolvency, Register of Deeds, County Treasurer.

Acceptance of Chapter 454, Acts of 1903, entitled "An Act to provide for Joint Caucuses or Primaries of all Political and Municipal Parties."

The polls to be kept open until 4.30 o'clock P. M.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting, as aforesaid.

Given under our hands, this Sixteenth day of October, in the year nineteen hundred and three.

JOS. M. BASSETT,
CLARENCE B. DELANO,
MARTIN L. QUINN,
Selectmen of Swampscott.

A true copy. Attest:
RICHARD G. GILLEY,
Constable.

Return on the Warrant.

Pursuant to the within Warrant to me directed, I have notified the inhabitants of the Town of Swampscott, qualified as herein expressed, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Town Hall, Depot, Post Office and twenty other public and conspicuous places in said Swampscott, on Thursday the twenty-second day of October, in the year nineteen hundred and three, the posting of said notices being at least seven days before the time of said meeting.

RICHARD G. GILLEY,
Constable of Swampscott.

In accordance with the foregoing Warrant, the voters of the Town met at Town Hall on Tuesday, November 3, 1903, and were called to order at 6 A. M., by Joseph M. Bassett, Chairman of the Selectmen and presiding election officer.

The following having been appointed were sworn to their several duties by the Clerk: Martin E. Nies, special Election Officer; Ernest B. Thing, Rep., Michael J. Ryan, Dem., as Ballot Clerks; William H. Webster, Alfred T. Pyne, Frank H. Bassett, Henry P. Peters, Reps., Frank D. Thurston, Bernard McDermott, Daniel J. Kain, and John W. Thurston, Dems., as Tellers.

The polls opened at 6.08 A. M. and closed at 4.36 P. M., 807 ballots having been cast.

At 6.20 P. M. the vote was declared as follows:

Governor.

John L. Bates, of Boston	550
Thomas F. Brennan, of Salem	4
John C. Chase, of Haverhill	33
Oliver W. Cobb, of Easthampton	7
William A. Gaston, of Boston	197
Blanks	16

Lieutenant Governor.

John Quincy Adams, of Amesbury	49
Curtis Guild, Jr., of Boston.	543
William F. Merrill, of Malden	11
Richard Olney, 2d, of Leicester	152
Moritz E. Ruther, of Holyoke	5
Blanks	47

Secretary.

Olof Bokelund, of Worcester	32
John F. Coyle, of Lynn	12
Alfred L. Cutting, of Weston	14
Ezekiel M. Ezekiel, of Springfield	125
William M. Olin, of Boston	555
Blanks	69

Treasurer and Receiver General.

John A. Billings, of Rockland	37
Edward S. Bradford, of Springfield	535
Napoleon B. Johnson, of Milford	10
Frederick A. Nagler, of Springfield	4
Thomas C. Thatcher, of Yarmouth	129
Blanks	92

Auditor.

John B. Hagan, of Lynn	24
Joseph Orr, of Chicopee	28
Alfred E. Steele, of Northampton	12
Francois X. Tetrault, of Southbridge	107
Henry E. Turner, of Malden	539
Blanks	97

Attorney-General.

John A. Anderson, of Gardner	6
William J. Carroll, of Lowell	35
Henry M. Dean, of Hyde Park	16
John J. Flaherty, of Gloucester	116
Herbert Parker, of Lancaster	549
Blanks	85

Councillor.

William C. Cuseck, of Newburyport	119
James F. Dailey, of Haverhill	6
E. Francis de Lara, of Beverly	36
George R. Jewett, of Salem	534
Jonathan S. Lewis, of Stoneham	18
Blanks	94

Senator—First Essex District.

William F. Craig, of Lynn	535
Arthur D. Ladd, of Lynn	29
Herbert R. Manley, of Lynn	5
Albert W. Moore, of Lynn	135
William H. Williams, of Swampscott	24
Blanks	79

Representative in General Court—Eleventh Essex District.

Herbert E. Ballard, of Lynn	20
John A. Callahan, of Lynn	139
John M. Grosvenor. Jr.. of Swampscott	485
Edward J. Hoar, of Swampscott	27
George F. Hogan, of Lynn	8
Fred S. Hutchinson, of Lynn	14
George H. Jackson, of Lynn	381
Sidney M. Shattuck, of Swampscott	278
Blanks	262

County Commissioner—Essex.

Justin Allen, of Topsfield	24
Edward B. Bishop, of Haverhill	516
John E. Eustace, of Peabody	8
James O. Parker, of Methuen	129
Jason Spofford, of Amesbury	28
Blanks	102

Register of Probate and Insolvency—Essex County.

Benjamin H. Blaney, of Marblehead	81
Jeremiah T. Mahoney, of Salem	489
Michael Tracey, of Lynn	17
Blanks	220

Register of Deeds—Essex Southern District.

Willard J. Hale, of Newburyport	576
Frank B. Jordan, of Lynn	26
Alfred Pearson, of Newburyport	42
Blanks	163

County Treasurer—Essex.

William H. Hitchcock, of Lynn	42
John Kenny, of Lawrence	8
Frank N. Rand, of Haverhill	17
David I. Robinson, of Gloucester	576
Frederick O. Spaulding, of Lawrence	122
Blanks	42

Shall an act passed by the general court in the year nineteen hundred and three, entitled "An Act to provide for joint caucuses or primaries of all political and municipal parties," be accepted? Yes, 303; no, 147: blanks, 357.

Voted, at 6.30 P. M., To dissolve the meeting.

Attest; MILTON D. PORTER,
Town Clerk.

Special Town Meeting, Jan. 11, 1904.

TOWN WARRANT.

ESSEX, SS.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swampscott, qualified to vote in elections, and in Town affairs to meet at the Town Hall, in said Swampscott, on Monday, the eleventh day of January, current, at seven-thirty o'clock in the evening, then and there to act on the following Articles, viz:

ARTICLE 1. To choose a Moderator.

ART. 2. To see what action the Town will take concerning the offer of Mrs. Joseph Ingalls to provide the Town with a public drinking fountain for man and beast and to act on its acceptance, and its location, as petitioned for.

ART. 3. To see if the Town will purchase or take the land on which the Hay Scales are now located, and appropriate money for the same as petitioned for.

ART. 4. To see if the Town will repair the Town Watering Cart, purchase a new one, or both, and appropriate money for the same.

ART. 5. To see if the Town will accept Chapter 103 of the Revised Statutes, relating to Plumbing, and supervision thereof.

ART. 6. To see if the Town will appropriate the additional sum of $500 for the Fire Department.

ART. 7. To see if the Town will appropriate the sum of $150 to bring the Assessors' Plans of the Town up to date.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office and three other public and conspicuous places in Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting as aforesaid.

Given under our hands, this first day of January, in the year one thousand nine hundred and four.

JOS. M. BASSETT,
CLARENCE B. DELANO,
M. L. QUINN,
Selectmen of Swampscott.

A true copy. Attest:
RICHARD G. GILLEY,
Constable.

Return of the Warrant.

Pursuant to the within Warrant to me directed, I have notified the inhabitants of the Town of Swampscott, qualified as herein expressed, to meet at the time and place and for the purpose herein mentioned, by posting up attested copies of said Warrant at the Town Hall, Depots, Post Offices and fifteen other public and conspicuous places in said Swampscott, on Monday the

fourth day of January, 1904, and the posting of said notices being seven days before the time of said meeting.

RICHARD G. GILLEY,
Constable of Swampscott.

In accordance with the foregoing Warrant, the voters of the Town met in the Town Hall on Monday evening, January 11, 1904, and were called to order at 7.30 o'clock by the Clerk, who read the Warrant calling the meeting and the return thereon.

ART. 1. Edward Russell was elected and qualified as Moderator.

ART. 2. Voted, That this article be referred back to the Board of Selectmen, they to report at the next annual Town Meeting.

ART. 3. Voted, That Art. 3 be referred back to the Board of Selectmen, they to report at the next annual Town Meeting.

ART. 4. Voted, That $500 be appropriated to purchase one or more watering carts, for the use of the Town.

ART. 5. Voted, That Chapter 103 of the Revised Laws be, and the same is hereby accepted, and the Board of Health, are hereby authorized to frame and adopt such rules and regulations as they deem necessary for the regulation of house drainage and plumbing, pursuant to said Chapter 103.

ART. 6. Voted, To appropriate $500 for expenses of the Fire Department.

ART. 7. Voted, To appropriate $150, as called for by this article.

Voted, At 8.30 P. M. to dissolve the meeting.

Attest: MILTON D. PORTER,
Town Clerk.

Town Clerk's Statistics.

Births Recorded.

Males, 49; females, 43. Total, 92.

In January, 9; February, 5; March, 6; April, 7; May, 4; June, 10; July, 7; August, 9; September, 8; October, 10; November, 7; December, 10.

Nativity of Fathers—Massachusetts, 29; Italy, 13; Maine and Canada, 10 each; Ireland, 8; England, 5; Newfoundland, 4; Connecticut, Pennsylvania, Vermont and Sweden, 2 each; Illinois, New Jersey, New York, North Carolina and Scotland, 1 each.

Nativity of Mothers—Massachusetts, 23; Canada, 14; Italy, 13; Maine and Ireland, 8 each; England, 7; New Hampshire, 6: Newfoundland, 4; Rhode Island and Sweden, 2 each; Connecticut, Illinois, New York, Pennsylvania and Vermont, 1 each.

Fathers born in Swampscott, 25; mothers born in Swampscott, 22.

Marriages Recorded, 52.

In January, 4; February, 0; March, 1; April, 2; May 2; June 7; July, 3; August, 5; September, 5; October, 10; November, 7; December, 6.

Nativity of Grooms—Massachusetts, 25; Canada, 8; Maine and Italy, 5 each; New York, 2; New Hampshire, New Jersey, Rhode Island, Ohio, Vermont, Newfoundland and Germany, 1 each.

Nativity of Brides—Massachusetts, 27; Canada, Ireland and Italy, 4 each; New Hampshire, 3; Maine and England, 2 each; Rhode Island, Pennsylvania, Vermont, Newfoundland, Norway and Sweden, 1 each.

Occupation of Grooms—Shoemakers, 6; salesmen, 5; clerks, electricians and laborers, 4 each; boat builders, coachmen, last makers, machinists, merchants and sole sorters, 2 each; architect, bartender, blacksmith, bookkeeper, cook, confectioner, farmer, foreman, journalist, leather broker, laundryman, painter, physician, shoe cutter, sole cutter, tailor and teamster, 1 each.

Deaths Recorded.

Males, 47; females, 38; total, 85.

In January, 7; February, 12; March, 3; April, 8; May, 5 June, 9; July, 5; August, 6; September, 6; October, 3; November, 9; December, 12.

Under 5 years, 17; 5 to 10, 1; 10 to 20, 2; 20 to 30, 4; 30 to 40, 9; 40 to 50, 5; 50 to 60, 11; 60 to 70, 14; 70 to 80, 11; 80 to 90, 10; over 90, 1.

Seventy years of age and over—Sarah Ellen Chase, 73 yrs. 9 mo. 5 days, pneumonia; Elbridge Z. Sanderson, 76 yrs., cerebral hemorrhage; Mary C. Gilbert, 76 yrs. 4 mo. 2 d, pneumonia; Joanna Morse, 76 yrs. 10 mo. 23 d., paralysis; Ann Burke, 77 yrs., pneumonia; Martha C. Gould, 77 yrs. 2 mo. 15 d., nephritis; James S. Colburn, 78 yrs. 1 mo. 12 d., senility; Charles W. Galloupe, 78 yrs. 2 mo. 23 d., pneumonia; Sarah M. Eveleth, 78 yrs. 9 mo. 24 d., gall stones; James Thomas, 79 yrs. 6 mo., diarrhea; Susan Story, 79 yrs. 8 mo. 9 d., congestion of liver; Thomas Till, 80 yrs. 10 mo. 14 d., old age; Ellen McFeeley, 80 yrs. 10 mo. 14 d., paralysis; Sally C. Doane, 82 yrs. 1 mo. 26 d., pneumonia; Lucy Smith, 84

yrs. 4 mo. 12 d., acute bronchitis; Catherine A. Tebbets, 84 yrs. 8 mo. 22 d., la grippe; Thomas Stanley, 85 yrs. 6 mo. 10 d., old age; Gratin Martin, 86 yrs. 4 mo. 2 d., old age; Edward Marsh, 87 yrs. 2 mo. 13 d., septicæmia; John Chapman, 87 yrs. 10 mo. 27 d., old age; Daniel Myers, 89 yrs. 2 mo. 17 d., old age; Rebecca A. Moore, 97 yrs. 11 mo. 5 d., senility.

Dogs Licensed.

Males, 176; females, 47; total, 223.

Licenses Issued to Junk Dealers.

Seven at $10.00 each. One at $15.00.

To Peddlers of Foreign Fruits.

Three at $2.00 each.

Pool Table Licenses.

Two at $2.00 each.

Auctioneer.

One at $2.00.

Attest: MILTON D. PORTER,
Town Clerk.

List of Jurors.

Prepared and posted by the Selectmen, for the consideration of the Town at the annual meeting, March 21, 1904.

Ashton, Herman F.	Manufacturer
Bassett, Frank H.	Salesman
Bain, Wellesley W.	Painter
Blanchard, George H.	Fisherman
Blanchard, Horace W.	Superintendent
Cahoon, L. Herbert	Fisherman
Cann, John W.	Shoemaker
Caton, James F.	Manufacturer
Clay, George F.	Shoemaker
Chase, Charles A.	Manufacturer
Collins, William H.	Clerk
Conner, George M	Shoemaker
Crowell, John B.	Laborer
Cullen, John A.	Blacksmith
Delano, Gilbert	Carpenter
Douglass, Henry E.	Fisherman
Douglass, Rodney A.	Fisherman
Drew, John G.	
Edgerly, I. Irving	Superintendent
Estes, William A.	Paper hanger
Farnham, Edwin A	Merchant
Fogg, Burton A.	Motorman
Glass, Joseph W.	Laborer
Heath, George A.	Machinist
Jackson, Charles T.	Shoemaker
Jeffers, Charles P.	Druggist

Johnson, Frank E.	Shoemaker
Kendrick, Seth C.	Special police
Knowlton, Daniel F.	Bicycle repairer
Keefe, John F.	Clerk
Merritt, John R.	Manufacturer
Moore, J. Frank	Real estate
Nies, Martin	Willow ware
Nisbett, David W.	Clerk
Peters, Herbert A.	Shoemaker
Phillips, James E.	Painter
Pyne, Alfred F.	Cutter
Rowell, Charles G.	Mason
Russell, Edmund	Painter
Stanley, John G.	Hotel keeper
Taylor, James L.	Barber
Thing, Ernest B.	Fisherman
Tuttle, Edgar M.	Paperhanger
Twisden, Charles H.	Shoemaker
Waters, William J.	Carpenter
Whitcomb, Otis A.	Salesman
Wiley, Edwin F.	Mason
Widger, James H.	Expressman
Wood, Coleman M.	Teamster
Woodbury, Lorenzo D.	Fisherman

Report of Selectmen.

To the Citizens of Swampscott:

We take pleasure in addressing our fellow citizens at the termination of our official year. We feel proud of Swampscott and its citizens who have made our Town such an attractive and prosperous residential district. We are certainly well up in the list of model towns. After extending our sincere thanks for the confidence reposed in us, we respectfully submit the following report of the expenditures made during the past year.

Pest House.

The committee consisting of the Board of Health and the Selectmen, had various meetings in regard to the sale of the Pest House. It was decided to advertise the estate for sale in the local papers. Two bids were received, the highest being $1,501. It was the opinion of the Selectmen that the offer was a good one and should be accepted, but the Board of Health being of the opinion that the property should command a larger figure, no majority vote could be got, and the matter stands as presented to the committee.

Forest Avenue.

The above subject was not considered by the Selectmen to have been referred to them for action, but the Board has looked into the matter and finds that the abutters are opposed as a unit to its construction.

The cost of construction has been estimated at from $12,000 to $15,000. The Board do not deem the same feasable, but make no recommendations, only that the mode of procedure in the matter is for six or more citizens of the Town to petition the County Commissioners.

Ingalls Fountain.

Immediately after the adjourned meeting of Jan. 11, the following letter was received:

To the Selectmen:

GENTLEMEN,—As you are unable to secure the land for the fountain which I proposed to give to the Town of Swampscott, I withdraw my offer. Will you send by bearer the drawings and all papers pertaining to the fountain and oblige,

Yours truly,

MARY A. INGALLS.

BOSTON, Jan. 14, 1904.

Atlantic Avenue Drain.

As voted by the Town, the committee asked for bids for the construction of the drain. The following bids were received: Titus & Poor, $490; W. J. Waters, $485; Lyons & Mather, $425; Geo. H. Doane, $354; and the work was awarded to Geo. H. Doane at the above figure. The result seems to be satisfactory to all concerned.

Road Roller.

The committee, consisting of the Superintendent of Streets, Mr. J. P. M. S. Pitman, and the Selectmen, made various visits and inquiries of various agents, and concluded to purchase a Buffalo Pitts Road Roller, which has proved very satisfactory to the Superintendent of Streets. The committee finally decided on the present location for crusher, which has been leased for a period of five years with the privilege of renewal. The Superintendent of Streets informs the Board that there is rock enough in sight to last the Town for twenty-five years. The land can be

purchased for $2,400, and all moneys paid as rental shall be deducted. We recommend that this land be purchased by the Town.

King's Beach.

After various meetings with the Park Commissioners, it was voted to bring the matter before the Town Counsel, and for him to arrange a meeting with the Metropolitan Park Commissioners, which meeting was held. After going over the matter in a thorough manner, the Metropolitan Park Commissioners requested the Town Counsel to ascertain the exact wants of the Town in regard to the Beach. As the Town had accepted the "Park Act," the Beach could not be reverted back to the Town without restrictions, except through an "Act of the Legislature."

New Streets.

Mapledale avenue has been laid out by the Selectmen and the necessary waivers signed. This matter will be submitted to the annual meeting for acceptance.

We have received petitions for the following streets, which on account of snow, the Engineer has not been able to get ready for the meeting, viz.: Devens road, Fuller avenue, Franklin avenue and a part of Redington street. These we recommend to our successors in office.

Offer of Roberts Heirs.

In regard to the offer from the Roberts heirs, the Selectmen understand that the offer holds good, providing the Town makes a use of the land for a public purpose, outside of streets. This matter is presented to the Town for action.

Engine House.

Your Committee having been appointed at the last annual Town Meeting to superintend and direct the work in the construction of an engine house, apparatus, etc., to be located at Phillips Beach, and having according to the best of our ability discharged the duty, we feel that we have met the requirements of the petitioners and also of the Town.

We also think that the house in its present location will give the residents of that end of the Town ample protection for many years to come. We wish to thank the residents of Phillips Beach for the many courtesies shown to us, especially Mr. David K. Phillips, who made it possible for us to procure the excellent location, at a very low figure. The bids received for the erection of the house were as follows:

W. H. Blanchard, $7,721; seam face wall, $8,211.
Hatch & Fernald, $7,600; seam face, $8,026.
Titus & Poor, $7,474; seam face, $7,774.
Contract awarded Titus & Poor at $7,774.
The following bids were received for chemical engine: -
Combination Ladder Co., $2,500.
C. N. Perkins & Co., $2,200.
Contract awarded C. N. Perkins & Co.

Conference with Boston & Northern Railroad in Regard to Transfers.

The Board after several meetings with the officials of the Boston & Northern Railroad, failing to get satisfactory results in regards to transfers to Marblehead and Salem, petitioned the Railroad Commissioners for a hearing. A hearing was held at their office in Boston, on Tuesday, February 23. The subject was presented by the Town Counsel, Board of Selectmen and several citizens. Counsel for the Railroad was also present. This meeting was adjourned until March 15, when it is expected a decision will be made.

The following amounts are recommended for the current year:

Selectmen's Department . . .	$5,700
Highway	10,000
Sidewalk	1,500
Crushing Stone	1,200
Catch Basins and Gutters . . .	1,500
Resetting Curbstones . . .	300
Tree Warden	600
School	24,000

Street Watering	$3,000
Health	4,500
Police	5,100
Street Lights	8,500
Poor	3,500
Fire, Receipts, and	8,500
Town Hall, Receipts, and	1,400
Curbstones	500
Cemetery	750
Library, Dog Tax, Receipts, and	750
Care Monument Lot	35
Memorial Day	175
Water Rates	1,100
Soldiers' Relief	2,000
State Tax (estimated)	8,000
County Tax (estimated)	7,000
Interest (estimated)	8,500
Sewer Bonds	5,600
Interest Sewer Bonds	7,500

Coal.

The following bids were received in answer to an advertisement in the paper for coal:

People's Coal Co., broken, $6.40; egg, $6.65; stove, $6.65.

Sprague & Breed, all kinds, $7.00. Discount of 25 cents per ton for prompt payment.

Breed Coal Co., broken, $6.57; egg, $6.57; stove, $6.57.

B. O. Honors & Son, broken, $5.95; egg, $6.20.

Contract awarded B. O. Honors & Son.

Recommendation.

Owing to the increased duties of the Clerk of the Selectmen, we recommend that an additional $100 be added to the salary.

Respectfully submitted,

JOSEPH M. BASSETT,
CLARENCE B. DELANO,
MARTIN L. QUINN,
Selectmen of Swampscott.

Report of the School Committee.

To the Citizens of Swampscott:

The past year has been one of advancement and improvement in our schools, and the credit belongs to the faithful, unselfish efforts of our teachers, who have labored in season and out of season under the supervision of the Superintendent to give our children an education that will be a credit to them and also to the town. Success here depends in a measure upon the hearty co-operation of the parents, and the committee urge upon the latter the advisability of visiting the schools from time to time, and thus becoming acquainted, at first hand, with the work of the teacher and pupil.

While the committee, from lack of experience, have been unable to meet all the problems that have presented themselves like veterans, they have been actuated in all their work by a deep sense of the responsibility connected with the office and by a sincere desire for the welfare of the pupils and teachers.

We believe it would be wise on the part of those interested to make considerable effort to retain in office, as long as possible, men who are devoted to the interests of the schools, since the value of their service increases with the ability to understand their needs, and to acquire that ability time is necessary. The committee have been aided in their work by suggestions and advice from parents, and the conviction grows that the meetings of the officers and parents, which have proved of such benefit to both this year, will be productive of even greater benefit in the future, as thus their mutual desires can become known and misunderstandings removed.

Repairs and Improvements. Phillips School.

Repairs have been continued on the roof and tower by Mr. Quinn, to prevent rain from beating through. It is hoped these will prove effective. The boiler tubes were found to be in need of renewal, the hard water of previous years contributing largely to shorten their usefulness. It was hoped they would last until the next summer vacation, but the severe weather of the past winter and the consequent higher pressure caused them to give way and made it necessary to replace them with new ones. With the soft water now in use these should last a much longer time than the others.

Complaint was made by residents in the vicinity that the cesspool was leaking to such an extent as to constitute a nuisance. After a conference with the Board of Health and those interested, the matter was temporarily adjusted by having constructed a bank with 100 loads of clay. This will probably be sufficient until connection can be made with the sewer.

Platforms have been erected in some of the school rooms to enable the pupils to reach the blackboards and storm porches built for the rear doors.

Essex Street School.

An unsatisfactory condition of things exists here with regard to the heating and ventilating apparatus. In theory there should be no trouble, but in practice there is nothing but trouble. Experiments have been made, some at the suggestion of those who installed the system, looking to the improvement of conditions, but thus far without satisfactory results. A change in system would involve considerable expense, and we are hardly ready yet to recommend it. Further experiments may cause the unexpected to happen. The draught in the old chimney was found inadequate for the new furnace and the aperture was enlarged last summer. Little improvement was effected and the only solution seems to be a new chimney nearer the furnace, which will be built during the vacation just at hand.

It was found that in a driving storm rain beat in under the ventilator caps, threatening the ceilings in the school rooms below. This was remedied by Mr. DeLory, without expense to the Town, by lowering the caps.

An additional outside closet was urgently demanded and was built.

Pine Street, Redington Street and Beach Schools.

These buildings have needed and received only the usual minor repairs.

The care of two school-houses, so widely separated as those on Pine and Redington streets, was found to be more than one man could properly attend to, and Mr. J. E. Homan has been appointed janitor at Pine street, while Mr. Stone remains at Redington street. The salary given to one has been proportionately divided.

Farms School.

A vault has been found necessary on account of leakage on other premises and has been built.

The committee believed the proper care of the school-house to be more than a woman of Mrs. Casey's age could guarantee and Arthur McNamara was chosen to fill her place. The results have justified the wisdom of the change.

Salaries.

The salary of the Superintendent has been raised $200 a year because of increased duties and responsibilities as Superintendent.

The salary of teachers in the Primary grade has been raised to $600 a year, to correspond with that of teachers in the same grade elsewhere; otherwise our best teachers are likely to be drawn away to other places. Then, too, a cause for dissatisfaction has been removed since the ambition for "promotion" to grammar grades will thus be largely eliminated and a teacher retained where contentment cannot fail to increase her value.

The salary of the janitor at the Phillips school has been increased $60 a year, in return for which he undertakes to care for the ashes, etc., which has formerly been paid for out of the appropriation.

Sanitary Inspection.

We have authorized an inspection of the schools by a practising physician of Swampscott whenever it is found necessary and suggest to the parents that an intelligent co-operation in this matter will do much to remove any unpleasantness that may arise. The utmost care will fail sometimes to prevent infection, and hence any undue sensitiveness in the matter will tend to diminish rather than increase the benefits to be secured by the inspection.

For more detailed information relative to the schools, we refer you to the report of the Superintendent, which follows.

CHAS. A. FLAGG,
SIDNEY E. BAILEY,
D. E. BURTNER.

Report of the Superintendent of Schools.

To the School Committee of the Town of Swampscott:—

GENTLEMEN,—Herewith is submitted my third annual report as Superintendent of Schools.

This last year has seen several changes in the arrangement of the schools, caused by the increase in the number of pupils. The growth of the high school made more room necessary for the proper carrying on of its work. Therefore the room occupied by Miss Fernald was taken for that purpose and assigned to the teacher of "commercial branches," and seated for pupils of the second year class. Miss Fernald took Miss Gould's room and Miss Gould was transferred with her fifth grade to Redington street, where she is serving as principal. The fifth grade that was at Redington street was changed to Essex street, where Miss Verry is in charge, acting as principal of the building. By these changes all the rooms available for school use have been filled and any more room must be provided by a new building.

As the schools are arranged now, all the grades above the fifth are in the Phillips building, the fourth and fifth having been removed from it in the last four years; two buildings have four teachers and one has two teachers, and two have one each. The school rooms where two grades or more are given to a teacher, are Miss Prescott's at Redington street, with grades second and third, the Beach School, where Miss Doyle has the three primary grades, and the Farms School, where Miss Stanley has the three primary grades.

Changes in the teaching force have resulted from resignations of three of the teachers. Miss Berry of the High School was drawn away by an offer of a better position and is now in charge of the business department in the Chelsea high school. We were very sorry to lose her for she had filled a large place in the school, among pupils and teachers alike. Miss Marion H. Nickerson of Quincy, a graduate of Boston University with some experience in teaching has been chosen to the position and is making her own place in the school. Miss Graydon from the fourth grade resigned because of the offer of a more desirable position as wife, and Miss Farnum was appointed to the vacant place. Miss L. Ardell Kimball of Ipswich, a teacher of several years' experience and fresh from a year's special study at the Salem Normal School, took Miss Farnum's vacant first grade at Redington street and has won universal approval. Matrimonial reasons made a vacancy also at the Beach School, where Miss Mary A. Phillips had taught so faithfully the last three years. Miss Blanche H. Doyle, a resident of this town and a teacher of experience, last year in Connecticut, was elected to the vacancy and has proved herself a valuable addition to our corps of teachers. The superintendent feels that the town should consider itself very fortunate in securing such additions to its teaching force.

Since this report was written, Miss Charlotte Bain has resigned her position as principal of the Pine Street School, to be married. Her loss is much to be regretted, for her seven and a half years of service have been efficient and appreciated by all. It was very fortunate that her place could be filled at this season, as it is difficult to secure a good teacher who is free to take a school in the middle of the year. Miss Annie O. S. Clemons of Andover, who has been teaching in private families in Swampscott for some time past and substituting in this town and Lynn, has been appointed to the place. Miss Clemons comes to us after several years of successful experience and strongly endorsed by the school officials where she has taught.

While speaking of teachers it is well to note that teachers are more important than books or studies. Emerson well said, "I do not care so much *what* you study as *with whom*

you study." The selection of teachers is the most important part of any school officer's duties, for what the teacher *is*, in manners, habits and character, teaches more, and with more effect, than anything she may set as a task for her pupils to learn. The less a real teacher is cramped by rules and restrictions of courses of study and notions of proper methods imposed from above, the better work she can do. But not all can properly use such freedom and demand "thus far and no farther."

Much time has been lost this winter because of the lack of proper accommodations in cold days, especially at Redington, Pine and Essex streets. In the Essex street building there has been constant trouble and complaint from the time the enlarged building was opened. The heating and ventilating apparatus has caused much annoyance as well as many colds and headaches, if not worse. Some radical remedy is absolutely needed, though I am not prepared to say just what that remedy should be. The teachers' supply closets and the platform at the blackboards are much appreciated improvements at Essex street of this year, the latter being an imperative necessity to enable the children to use the boards.

The improved janitor service at the Farms School has removed a long-standing cause of complaint.

High School.

Special attention is called to the high school and the results from its growth. On looking at the page of enrollment, following this report, it will be seen that the school has grown from sixty-nine in five years to one hundred and two, but that the entering class has remained at about the same average, thirty-five. The increase has come therefore from the fact that the pupils have stayed in school longer and this seems an endorsement of the work of the teachers and management. The addition of so-called commercial studies has helped to hold some pupils and the social side, emphasized by larger numbers, has attracted others.

While this increase is gratifying, it has had an effect not so welcome. Formerly those pupils remained in the school to the end who cared for study and did some hard work. This made the

percentage of college students among our graduates really high, higher than at present, apparently. There remains therefore in the school, entitled to all it can afford, a number who do not care for study and who will not do hard work. This has worked an injury to the really ambitious and has been a draw-back to a high standard of accomplishment. How that injury can be made as small as possible, is at present the most serious problem before the teachers, who see no real solution as things are now. An increase in the number of teachers, enough to allow a separation of the two kinds of pupils seems to be the first suggestion. Whether the benefit warrants the expense, is a question for the committee and citizens to consider.

This condition and the increasing demands of the colleges on entering students make it advisable for us to do what other schools are doing—*i. e.*, recommend that ordinary pupils take five years to do good preparatory work while brightest pupils may do it in four. Pres. Eliot of Harvard said he did not expect pupils to be well prepared in four years and advocated beginning some of the work in the upper grammar grades. We have this year begun Latin in the eighth grade and feel well satisfied with the results so far, the class being under the care of the regular high school Latin teacher, Miss Rideout. This may help the difficulty for some, but still it is hard work for any pupil to prepare for college in four years. The Boston high schools take longer.

The other need of the school is better considered later in connection with the needs of the grammar schools for next year.

Much is often said as to the small percentage of the grammar school pupils who graduate from the high school. By looking again at the enrollment figures it will be seen that of the forty-five pupils in the eighth grade in 1898, twenty-two per cent. graduated in 1903, of the forty-four in 1890 in the eighth grade, thirty-one per cent. are expected to graduate next June. Such figures are well worth remembering.

Twice this winter, attempts have been made to bring the teachers and the parents together, for considering their mutual needs and gaining mutual acquaintance. While less than half of the parents responded, it was an effort worth making and has been

helpful in its results. It would be a most effective means of helping our schools, if the parents and teachers could meet regularly during the year and consider the questions of mutual concern. Such association has been tried successfully in other towns.

A New Building Needed.

In looking forward to next fall, there appears a call for another room for the grammar school, probably in the eighth grade. There is no place for it now and a new building must be built soon, and the sooner the better. Various plans are proposed of varying merit. The best plan in my mind is to put up a new building for the high school and leave the Phillips School building for grammar school pupils, thus separating the two schools. This would be a gain for both schools, as it is not best to have both high and grammar schools in the same building, their different characters and the different ages of their pupils requiring different kinds of treatment. The Phillips building is better adapted to grammar school use than to high school use, and is too large to devote wholly to the high school for many years to come.

In employing the new teacher, a man should be secured and made principal of the school, that there may always be a man in charge when the superintendent's duties call him away. Should this plan not be adopted, some other plan should be promptly made and put into operation. Delay will not better the situation.

Co-operation of Public Library.

Again I would call attention to the need of closer relation between school and library, the two educational plants of the town. A new catalogueing of the library is needed to make it a good reference library, and a plan whereby the schools can take out several books on some subject of study is much needed. Such co-operation is working well in other towns and cities, and apparently would here. While our library cannot rank in size with that of Lynn, it ought to rank with it in effectiveness and

helpfulness to the school children. A solution of the problem of new quarters for the library might be found by planning a building to include high school and pubic library under one roof.

Much is said at the present time about the need of interesting the pupil in his work. This idea has been carried much too far in some directions. It rightly holds a large place in the early, primary years of a child's life, but rapidly takes a smaller place in grammar and high school work. When a boy has reached an age when he can think and see for himself that he goes to school, or rather the purpose of his school-going should be, to gain a greater power of mind and a wider knowledge of truth, there should be less call for the teacher to "interest" him or to explain everything to him. When he enters what is called his "life work" his employer does not spend much time trying to make his work "interesting" or in giving very many explanations. He wants a boy or a man with enough manhood in him to tackle a hard problem and stick to it until conquered. There is a sad lack of that courage in most of our pupils, many of whom are perfectly willing to "ask teacher" rather than spend a few more minutes in doing what is for their own welfare. Most of us have many tasks not at all "interesting," and we all need to learn as early as possible to be self-reliant.

It is well to notice in passing that pleasure is not the purpose of school life, except in a very slight degree. *Happiness* should be the accompaniment and the outcome of every boy's school life, and happiness is far greater and better than mere amusement and pleasure. A happy life, controlled by a strong will and guided by an appreciation of what is real interest, may have little pleasure, so called, but must be a most useful life.

Just such work I feel that your teachers are trying to do, amid much that discourages and perplexes, amid much resistance and many difficulties, and they deserve the expressed thanks of the citizens for their patience and self sacrifice. Those who have actually tried to deal with a roomful of "other people's children" realize that the task is no sinecure. I wish to say at least

so much in appreciation of the labors of our teachers who have so long given of their best for the progress of their pupils, and to thank them for their cordial support in my work among them.

The Women's Relief Corps has given to every school a silk flag for the adornment of the room and the stimulation of the growing sentiment of patriotism in the children. To the High School, with the flag, was given a framed copy of the origin and history of the flag, the presentation being made by Mrs. Newhall of the corps. The thanks of the schools is here publicly given to the women for their interest and efforts in behalf of the schools.

Allow me here to thank your Board for their interest and labors and for the generous and cordial treatment of your superintendent. My thanks are also due the citizens for their support and sympathy.

Very respectfully,

HAROLD C. CHILDS.

February, 1904.

GRADUATION EXERCISES

OF THE

SWAMPSCOTT HIGH SCHOOL

IN THE

PHILLIPS SCHOOL HALL

Wednesday Evening, June 24th, 1903

AT 7.45 O'CLOCK.

Order of Exercises.

ORCHESTRA . . . . . .

Mildred R. Munsey, Pianist.

PRAYER . . . . . .

Rev. George A. Jackson.

SONG—"Joy, Joy, Freedom To-day," . . . Benedict

School.

RECITATION—"Execution of Montrose," . . Aytoun

Ethel S. Griffin.

SONG—"The Song of the Flower Spirit," . . Rossini
School.

DECLAMATION—"Under the Flag," . . . Phillips
Jack W. Stanley.

SONG—"The Clang of the Forge," . . . . Rodney
School.

PRESENTATION OF THE CLASS GIFT—"Giuliano de' Medici"
Gertrude M. Childs.

SONG—"My Soul to God, My Heart to Thee," . Clapisson
Ethel G. Proctor.

ADDRESS— . . . . . .
Rev. Charles F. Dole.

SONG—"The Morning Ramble," . . . . Veazie
School.

PRESENTATION OF DIPLOMAS
By Chairman of School Committee
CHARLES A. FLAGG.

ORCHESTRA . . . . . .
Frances Brown, Pianist.

AWARDING OF PHILLIPS MEDALS.

ANNOUNCEMENT OF HONORS
By Secretary of School Committee
SIDNEY E. BAILEY.

GRADUATES—1903.

Florence Irene Bulfinch,

Caroline Alice Chapman,

Gertrude Mace Childs,

Ethel Sherman Griffin,

Adelaide May Jones,

Stella Maxfield,

Ethel Gertrude Proctor,

Grace Lillian Rowell,

Susan Ellen Stanley,

Jack Wardwell Stanley.

POST GRADUATE.

Lessie Emilie Berry, Class of 1902.

SWAMPSCOTT HIGH SCHOOL.

Course of Study, 1904.

First Year Class.

Required Studies.	Per Week
English	4 hours
Algebra	5 hours
English History	3 hours
Declamations†	1 hour

Elective Studies.	Per week
Latin I	4 hours
French I	4 hours
Commercial Arithmetic / Book-keeping I	4 hours
Elementary Physics / Physical Geography	4 hours
Drawing	2 hours

Second Year Class.

Required Studies.	
English	4 hours
Ancient History	4 hours
Declamations†	1 hour

Elective Studies.	
Greek I*	5 hours
Latin II	4 hours
French II	4 hours
Botany	4 hours
Book-keeping II	3 hours
Drawing	2 hours
Geometry	4 hours

Junior Class.

Required Studies.	
English	3 hours
Modern History	3 hours
Declamations†	1 hour

Elective Studies.	
Greek II*	4 hours
Latin I or III	4 hours
French I	4 hours
German I	4 hours
Astronomy	3 hours
Physics	4 hours
Short-hand I	4 hours
Advanced Algebra / Plane Geometry	3 hours
Drawing	1 hour

Senior Class.

Required Studies.	Per week
English	3 hours
Civil Government	3 hours
Political Economy	3 hours
Declamations†	1 hour

Elective Studies.	Per week
Latin IV	4 hours
Greek III*	4 hours
French II	4 hours
German II	4 hours
Chemistry	4 hours
Plane and Solid Geometry*	3 hours
Geology	3 hours
Typewriting‡	3 hours
Short-hand II	3 hours
Drawing	1 hour

*See Note 2.
†See Note 3.

‡With three hours of practice.

Notes.

1. Each regular pupil who is candidate for a diploma is required to take all the "required studies" and as many hours of "elective studies" as will make fifteen hours of *prepared* lessons per week for *each year*, making sixty hours in four years. Pupils able and wishing to take more than fifteen hours per week, may do so on approval of the teachers. Pupils who, for reasons of health, or for other reasons, wish to take less than fifteen hours of work per week, may distribute their work over more than four years, and receive their diplomas when sixty hours of work have been done. An average of "C," both in studies and deportment is required for a diploma. The choice of electives must have the approval of the teachers, and no class will be made in any study unless enough pupils elect it. Two years of some foreign language is required of each pupil.

2. For pupils preparing for college, such changes in the course of study as are necessary may be made to meet the requirements for admission to such institutions. Special students may take such studies as they are fitted for.

3. Music is required of all pupils, except those excused by Director of Music because of lack of ability. The work in declamations is *prepared* work, with regular class instruction weekly, and is required of all the boys and elective for the girls.

4. Pupils graduating from the school who were unable for any reason to take any desired study may return after graduation, and enter any classes they may wish, and receive recognition for such work done.

5. Class work and deportment are marked on the following scales: A=excellent; B=good; C=fair; D=unsatisfactory; E=poor.

Phillips Medals Given to Pupils of the High School, June, 1903.

For Superior Scholarship during the four years:

A Gold Medal, to Gertrude Mace Childs.

For Excellence in English Composition and Declamation for the four years:

A Silver Medal, to Ethel Sherman Griffin.

For Superior Deportment for the year ending June, 1903:

Two Silver Medals, to Sarah Jane Conners, 1904, and Mary Ellen Havern, 1905.

Selected List for 1903.

Pupils whose studies have averaged "Excellent," "A," in each study for the year ending June, 1903:

GRADE VIII.

Marion Dean Munsey. Margaret Louise Shorey.

GRADE VI.

Katherine Call.

Roll of Honor.

Pupils who have not been absent nor tardy for the school year ending June, 1903.

HIGH SCHOOL.

C. Alice Chapman. Dorothy Jasinsky.
Lucy Jameson. Bertram P. Martin.
Bertha Enholm. Mary E. Kain.
Alice F. Pratt. Katherine F. McNamara.
Mildred R. Munsey.

Grade VIII.

Everett H. Clark.
Margaret L. Shorey.
Joseph E. Kain.
Jessie Macdonald.
Lloyd L. Mansfield.

Grade VII.

Alma T. Johnson.
George T. Poor.
Dorothy Till.
Mildred B. Curtis.
Marion F. Newcomb.
Clara Quereau.
Katherine Call.
Frances Jasinsky.
Pauline Eveleth.

Grade VI.

Mary L. C. Holden.
William R. Curtis.
Alice M. Gott.
Mary V. Mehagan.
Walter L. DeLory.
George E. Goodwin.
A. Wesley Hatch.
M. Etta Sanderson.

Grade V.

Irving Allen Curtis.
Helen Blany Foster.
Ruel A. Metcalf.
Marion Huldah Wood.
Louise Call.
Madeline V. Martin.
Leonard E. Proctor.
Marion Bentley.
Marion Proctor.

Grade IV.

Forest Spaulding.
Frank Buckman.
Camille Serrington.
Harriett Kain.

Grade III.

May Beth Goodwin.
John Lee.

Grade II.

Jennie Ledley.
Glen F. Rowell.
Sarah Bucknam.
Robert G. Beattie.

GRADE I.

Raymond Jenkins. Rose Hilda Lee.

William Chapman was absent one afternoon because of a relatives' funeral.

Calendar For School Year, 1904.

Winter Term began December 28, 1903; ends February 26, 1904.

Spring Term begins March 7; ends April 29.

Summer Term begins May 9; ends June 30.

Fall Term begins September 6; ends December 23.

Winter Term begins January 2; ends February 24, 1905.

Spring Term begins March 6, 1905; ends April 28, 1905.

Children who have not previously attended school may enter the first primary grade at the beginning of the spring term, March 2, or at the beginning of the fall term, September 6, and during the two weeks following.

Holidays.

Washington's Birthday, February 22.

Patriot's Day, April 19.

Memorial Day, May 30.

Bunker Hill Day, June 17.

Thanksgiving recess, from noon of the day before to morning of the Monday following Thanksgiving Day.

No School Signal.

The signal for no school is "22" sounded on the fire alarm—for the forenoon session at 7.57 A. M., for the afternoon session at 12.45 P. M.

Corps of Teachers, 1904.

	Date of Appointment.
HIGH SCHOOL.	
Harold C. Childs, Principal.	Sept. 1898.
A. Lillian Rideout, Assistant.	Sept. 1893.
Mabel E. Ingalls, Assistant.	Sept. 1894.
Alice G. Coombs, Assistant.	Sept. 1900.
Marion H. Nickerson, Assistant.	Sept. 1903.
PHILLIPS SCHOOL.	
Ellen M. Dewing, Grade VIII.	Jan. 1894.
Elizabeth J. Hadley, Grade VII.	Sept. 1880.—*Dec. 1872.*
Minnie H. Fernald, Grade VII.	Sept. 1888.
Mabel S. Knight, Grade VI.	Sept. 1900.—*Nov. 1894.*
Alice L. Shaw, Grade VI.	Sept. 1902.
REDINGTON STREET SCHOOL.	
Frances A. Gould, Grade V, Principal.	Sept. 1903.—*Sept. 1888.*
Edith A. Farnum, Grade IV.	Sept. 1903.—*Sept. 1897.*
Katherine Y. Prescott, Grade III and II.	Sept. 1902.
L. Ardell Kimball, Grade I.	Sept. 1903.
ESSEX STREET SCHOOL.	
Mabel F. Verry, Grade V, Principal.	Sept. 1903.—*April 1896.*
Edith S. Gardner, Grade IV.	Sept. 1902.—*Sept. 1894.*
Emma J. Machon, Grade II.	April 1880.
May E. Jackson, Grade I.	Nov. 1894.
PINE STREET SCHOOL.	
Annie O. S. Clemons, Grade III, Principal.	Mar. 1904.
Anna F. Wiley, Grade I.	Sept. 1902.
BEACH SCHOOL.	
Blanche H. Doyle, Grade III, II, I.	Sept. 1903.
FARMS SCHOOL.	
Louise C. Stanley, Grade III, II, I.	Sept. 1888.
SUPERVISOR OF MUSIC AND DRAWING.	
Elizabeth A. Bill.	Jan. 1890
SUPERINTENDENT OF SCHOOLS.	
Harold C. Childs.	Sept. 1901.

[Date of appointment to present position in Roman type. If the teacher has previously served in another position in town, the date of the earlier appointment is stated in *italics*.]

Statistics for 1903.

SCHOOLS	Number of Sittings.	Largest membership at any one time.	Number enrolled, Fall Term, 1903.	Average age (years, months).	Average Membership.				Average Attendance.				Percentage of attendance.
					Winter.	Spring.	Summer.	Fall.	Winter.	Spring.	Summer.	Fall.	
[illegible]H	106	100	102	15-9	83.8	80.9	79.4	98.9	78.5	79.9	74.4	97.3	98.3
PHILLIPS:													
Grade VIII	50		51		43	44	43	49.9	40.2	41	39.7	47.2	94.5
Grade VII	48	33	33	12.9	25.9	25.1	22.4	32.5	23.1	22.6	23.2	31.1	95.7
Grade VII	48	42	44	13-1	29	27.8	23	38.2	26.9	25.5	21.7	36.4	95.3
Grade VI	48	45	45	11-6	37.5	35	33	44	35.2	31	30	42.4	96.2
Grade VI	48	48	50	11-11	37	39	39.6	46.9	35.4	37.7	35.8	44.7	95.4
Grade VI					12.5	12	12		11.4	11.2	10.9		
REDINGTON STREET:													
Grade V	55	50	50	10-7	*47.3	*39.7	*44.1	45.7	*44 1	*42.3	*41.2	43.5	95
Grade IV	51	51	51	8-7	45	46	46.5	47.7	36.9	41.8	40.41	44.7	93.9
Grade III	24	22	21	8-4	20.5	21.9	21.1	20.7	17.9	19.6	19.4	18.7	90.8
Grade II	20	19	19	7-10	27.4	22.7	22.7	17.7	23	19.8	21.1	15.2	85.9
Grade I	34	32	30	5-5	19.8	24	23.2	29.4	16.2	21.3	18.9	27.2	92.8
ESSEX STREET:													
Grade V	49	48	51	10-11	†47.5	†45.5	†46.5	46.7	†34.2	†35.8	†39.2	41.1	88
Grade IV	51	51	54	9-6	45.2	45.4	45.6	49.3	39.4	41.9	43.1	43.7	88.6
Grade II	48	47	44	7-2	42	45.5	47	45	38	41.8	44.2	42.3	94
Grade I	42	39	45	5-6	28.3	38.8	38.1	33.8	24.5	35.3	34.9	31.3	92.9
PINE STREET:													
Grade III	50	44	47	8-2	46.8	44.4	47.7	41.9	42.7	38.7	44.9	39.2	93
Grade I	40	32	26	5-6	26.4	31	30.8	29.5	22.6	26.8	27	27.5	87
BEACH:													
Grade III	45	2	2	8-10	16	13	13	2	13.6	12	11.3	2	100
Grade II		8	8	8-5	5	6	7.5	7.8	4.6	5.5	5.4	7.5	96.2
Grade I		14	14	7-1	8	9.3	8.7	12.5	7.1	8	7.3	11.9	95.2
FARMS:													
Grade III	53	6	6	7-8	9	9	9	4.5	7.7	7.7	8.4	4.3	89
Grade II		7	7	6-6	4	4	5	6.3	3.8	3.7	4.6	6	95
Grade I		20	20	6-4	8.5	8.3	9.2	18.2	6.2	6.6	8.1	15.1	81

* In Phillips Building. † At Redington Street.

Enrollment for Fall Term.

	1898.	1899.	1900.	1901.	1902.	1903.
HIGH SCHOOL:						
Graduate students	..	..	..	2	1	1
Senior	6	7	10	13	**10**	**14**
Junior	9	17	13	**13**	**17**	24
Second Year	24	21	**17**	**24**	30	29
First Year	30	**34**	**41**	39	35	34
Totals	69	79	81	91	93	102
GRAMMAR SCHOOLS:						
Grade VIII	**45**	**44**	45	45	50	51
Grade VII	**51**	47	47	49	55	77
Grade VI	58	62	63	81	92	95
Grade V	86	76	82	92	105	101
Grade IV	83	97	85	98	98	105
Totals	323	326	322	365	400	429
PRIMARY SCHOOLS:						
Grade III	97	83	88	88	101	77
Grade II	87	99	86	93	90	78
Grade I	117	106	118	94	113	135
Totals	301	288	292	275	304	290
Grand totals	693	693	695	731	797	821
Increase			2	36	66	24

Report of Truant Officer.

To the School Board:

GENTLEMEN,—I have investigated 114 complaints from teachers during the past year with the following results: Truancy, first offence 9; second offence 4; third offence 3; sixth offence 1.

Respectfully submitted,

RICHARD G. GILLEY,

Truant Officer.

Report of the Chief of Police.

To the Honorable Board of Selectmen:

I hereby submit the annual report of the Police Department as follows:

Whole number of arrests		30
Males	28	
Females	2	
	—	30

Arrested for the following offences:

Assault and battery	4
Assault with a dangerous weapon	1
Larceny	2
Insane	2
Drunkenness	10
For out of town officers	2
Breaking, entering and larceny	3
Indecent assault	1
Non-support of minor child	1
Stubbornness	1
Neglected children	2
Assault with attempted rape	1
	— 30

Disposed of as follows:

Committed to House of Correction	2
Committed to State Farm	1

Committed to Danvers Insane Asylum	2
Held for Grand Jury	3
Placed on file	12
Discharged by Court	2
Defaulted	2
Fined and paid	1
Nolprossed	1
Delivered to out of town officers	2
Turned over to State Board of Charity	2
	— 30

Superior Criminal Court, September term, larceny from the building, 1. The defendant pleaded guilty, and the case was placed on file.

Superior Criminal Court, January term, assault with a dangerous weapon, 1. The defendant pleaded guilty and was fined $15.

Miscellaneous Business.

Complaints investigated	175
Disturbances suppressed without arrest	12
Buildings found open and secured	41
Defective places in street reported	40
Street obstructions removed	9
Lost children returned to parents	10
Street lights reported out	57
Stray teams cared for	5
Injured and sick persons cared for	3
Dogs killed	57
Intoxicated persons assisted home	16
Accidents reported	14
Tramps sent out of town	3
Breaking, entering and larceny reported	9
Cases of larceny reported	15
Out of town officers assisted	9
Lights furnished for dangerous places	25
Breaks in water pipes reported	4
Glass in fire-alarm boxes reported broken	5

Fires extinguished without alarm	4
Drunks put off at depot, non-residents	14
Lights extinguished in buildings	2
Wires reported down	4
Fire alarms given by officers	2
Fire alarms responded to by officers	15
Nuisances reported to Board of Health	2
Juveniles before the court	5
Horses found loose in stable and secured	2
Brush fires reported at Engine House	2
Runaway boys returned home	4
Electric light poles reported down	1
Horses killed	1
Leaks in gas mains reported	2
Runaway horses stopped	1
Dead bodies found and cared for	2
Value of property reported stolen	$219
Value of property recovered	$89

Receipts and Reimbursements.

Ainslie & Grabow	$9 75
Isaac Leadbetter	4 50
H. W. Priest	5 00
John W. Chapman	2 00
Elisha W. Cobb	2 00
Wardwell Bros.	2 00
Charles W. Galloupe	52 25
Mary E. Lodge	50 00
Winnipesikett Club	2 00
Board of Health Department	40 97
Board of Sewer Department	276 75
Police court fines	5 00
Telephone tolls	5 01
	$457 23

Recommendations.

I would recommend that a regular day officer be added to the force. Under the present system the chief is the only officer on day duty, and it often happens that he is called out of town on business connected with the department. By adding a regular day officer the town could be better protected and an officer could be at the police station at all hours of the day to answer calls.

I would also recommend that more suitable quarters be furnished for the Police Department. The present room in the basement of the Town Hall is both damp and dark.

Respectfully submitted,

CHARLES H. DUNLAP,

Chief of Police.

SWAMPSCOTT, February 15, 1904.

Report of Surveyor of Highways.

To the Citizens of Swampscott:

In accordance with custom and the Town By-Laws I submit herewith my first annual report as Surveyor of Highways.

The condition of the roads in the spring, on account of the building of the main sewer and the continual tearing up of the streets up to the time snow fell, on account of the laying of the particular sewers, made an extra appropriation necessary during the year in order to keep the streets in a safe condition. As fast as the sewer work was completed in the main streets they were immediately put into good repair. Five thousand tons of stone were crushed, and the greater part of this was used in macadamizing the streets referred to. The purchase of a 12-ton Buffalo-Pitts steam roller during the year made it possible to do thorough work in macadamizing, and the following streets were so treated.

A portion of Essex street; Humphrey street, from Redington street to near the hay scales, with the exception of a short stretch on the shore side, from the crossing in front of the Chinese laundry to the railroad pole in front of John G. Stanley's. This was necessarily omitted on account of the low condition of the curbstone and sidewalk. Before the street can be properly macadamized the curb and walk will have to be raised 18 inches in order to form the proper gutter; Humphrey street, from the Lynn line to beyond the car barns, on the side opposite

the paved portion, and at the turnouts at Roberts' barn and Pleasant street.

The crushed stone cost the town about $1.25 a ton, laid, which will be found to compare very favorably with other municipalties similarly situated.

On Humphrey street, between the hay scales and Roberts' stable, the car tracks were lifted a foot and the street built up with stone from the sewer, thus removing the mudhole that has existed there for a long time. The surfacing was left until spring on acount of the laying of the particular sewers, and will be a comparatively easy job.

The following streets were graveled during the year, upwards of 1,500 loads of gravel being used:

Salem street, from Farley's to foot of hill; Humphrey street, from the railroad crossing at Phillips Beach to Allen Rowe's; Beach Bluff avenue, from Bingham's almost to Atlantic avenue; Atlantic avenue, from Palmer avenue to Orient street; Orient street, from Humphrey street to Little's hill and from Lodge's to Galloupe's; Blaney street, Rose street, Rockland street, Walker road, Thomas road, part of Norfolk avenue and Cherry street.

Beach avenue was also repaired, the road roller being used in this connection and being found very effective even on the steep grade.

About 150 tons of stone dust has been used upon the sidewalks, making an impervious surface that does not turn to mud.

The heavy falls of snow this winter have caused a severe drain upon the appropriation, that could not of course be foreseen. I have attempted to keep both the sidewalks and streets in passable condition at all times, believing that the extra cost was more than compensated by the added comforts. The Town now has five snow plows, one of which is, however, practically of no value and ought to be discarded. I would therefore recommend the purchase of two additional plows, which would give an extra plow for the centre of the Town.

I would recommend an appropriation of $10,000 for highways and street maintenance, to be used in the general repair and care of the streets and whatever the Town can afford for permanent

improvements. The streets upon the Stetson estate are very flat and practically all worn out, nothing having been done upon them since they were built. Andrew and Farragut roads on the Mudge estate ought to receive attention. Orient street, between Galloupe's and the hay scales, and Burrill street, between the monument and the railroad, should be macadamized, and the farther end of Essex street is also in very bad shape. These are but a few of the streets on which work could be done to advantage.

The curve on Orient street, opposite the Smith property, has always been a danger point and menace to travel. I understand that Mr. Leonard H. Phillips is willing to give the necessary land to remove this source of danger, provided the Town will widen the street there, and I recommend that the Selectmen be empowered to accept this gift.

The lot upon which the stone crusher now stands, and which comprises about three acres, can be purchased at the present time, thereby securing to the town at a reasonable figure land that is bound to enhance in value by the removal of the ledge. I recommend the purchase of this lot.

I would also recommend the purchase of a street sweeper, for use upon the macadam streets, as by the use of one of these machines much of the dust could be swept to one side and both the dust and mud nuisances partially eliminated. The cost of this would be about $275.

In conclusion, I wish to call the attention of the citizens to the charging off to this department of certain expenditures in settlement of accident cases, lawyer's fees, etc. If these charges were attributable to any cause connected with the year's work, I would not hesitate to say that they should be so charged. But it does not seem that the department's appropriation should be held responsible for causes due to lapses in past years. If this idea should be followed it would be possible for the Highway Department's appropriation to be entirely wiped out even before the season's work has begun. The establishment of a contingent fund would relieve this condition of affairs.

I wish to thank the citizens of the Town and my fellow officials for the manner in which they have helped me during the year, and for the support in a financial way that they have given the department, thereby enabling much better work to be done. I hope to continue to merit this support.

Respectfully submitted,

IRVING I. EDGERLY,

Surveyor of Highways.

Report of Chief Engineer.

FIRE DEPARTMENT HEADQUARTERS,
SWAMPSCOTT, MASS., Feb. 19, 1904.

To the Board of Selectmen:

GENTLEMEN,—I have the honor to submit herewith the annual report of the Fire Department for the year ending Feb. 26, 1904, this being my ninth annual report and the twenty-fifth since the organization of the paid department of the Town.

Manual Force.

The department consists of thirty-three men, assigned as follows, viz.: One chief and two assistant engineers, seven permanent men, including the chief, one captain, two lieutenants, five pipemen, seven hosemen, six laddermen and four men on steamer.

Apparatus.

The apparatus is in good condition and at present consists of one steam fire engine, with a three-horse hitch, one two-horse hose wagon, one two-horse ladder truck, one two-horse chemical, five hand hose reels, one relief wagon, and one single wagon.

Fire Alarm.

Three new boxes have been added to the fire alarm system the past year; also two old boxes exchanged for new ones. A private box has been placed in the New Ocean House by the owners, which in my opinion all hotels should do. There are twenty-three boxes located in town, and the department covers twenty-nine at all times.

Water Supply.

The water supply has been all that has been required of it the past year. The hydrants have been kept in good order and all needed repairs have been attended to by the Water Board when reported to them. Four new hydrants have been added this year, which makes one hundred and twenty-eight in service.

Hose.

There are thirty-three hundred feet of two and one-half inch cotton hose (rubber lined), classified as follows: First quality, twenty-seven hundred feet; worthless, six hundred feet. Two hundred and fifty feet of the latter is out on sewer work. There is also four hundred feet of three-quarter inch rubber hose. There has been no hose purchased during the year.

Fire Stations.

The station on New Ocean street is in very good condition. There has been this past year an up-to-date two-way station located on Phillips avenue at Phillips beach, and was put in service January 1st, a chemical engine with two fifty-gallon upright tanks, a pair of horses and two men, which the Board of Engineers think is a great addition to the department.

Horses.

There are ten horses in the department, most of which are in good condition. One will have to be exchanged, as he is unfit for fire service; two were bought the past year, and none exchanged. The horses and men have been employed by the Highway and Street Watering Department and have received $1,022.50 credit for the same.

Fires and Alarms.

There has been twenty-one (21) bell alarms, seventeen (17) telephone calls and ten (10) still alarms, making a total of forty-eight (48) alarms in the year. An increase over last year of seventeen (17) and the greatest number in any one year in the history of the Town. No school signal has been sounded ten (10) times, and the department have responded to eight (8) out of town calls.

Loss by Fire.

The value of property endangered, amount of insurance carried, amount of insurance paid and net losses at fires where portion of the department have responded aggregate as follows, viz:

Value of buildings	$40,300 00	
Value of contents	24,550 00	
Total		$64,850 00
Insurance on buildings	$30,025 00	
Insurance on contents	10,975 00	
Total		$41,000 00
Damage to buildings	$2,002 50	
Damage to contents	2,349 50	
Total		$4,352 00
Insurance paid on buildings	$1,972 50	
Insurance paid on contents	2,349 50	
Total		$4,322 00
Net loss above insurance		$30 00

Recommendations.

We would recommend that the sum of seventy-one dollars and sixty-four cents ($71.64) be appropriated for the payment of the sewer assessment, two hundred dollars ($200) for a new horse, and two hundred and twenty-five dollars($225) for putting in a private telephone line from the station on New Ocean street to the station at Phillips avenue.

Remarks.

The department has been very successful in preventing large fires during the year, and it has been largely due to the interest taken by the members and the prompt manner in which they have performed their duties.

Conclusion.

In concluding my report, I wish to thank you, gentlemen, for the kindly interest you have borne toward myself and associates. The members of the department have my thanks for their quick response at all times and the manner in which they have conducted themselves. Also all others with whom I have come in contact the past year.

Yours with respect,

GEORGE P. CAHOON,
Chief Engineer.

Approved:
G. H. LAMPARD,
FRANK L. CHAPMAN,
Assistant Engineers.

TENTH ANNUAL REPORT OF THE

Board of Park Commissioners.

The work of the Park Department for the past year has been chiefly that of ordinary administration. The regular routine business has been attended to, and the necessary repairs have been made to keep up the property.

Among the repairs upon the Fishermen's Building may be mentioned the renewal of the plaster work in the front gable, around the Town seal. The doors to the upper loft have been widened so that the large winter dories of the fishermen may be easily hauled in and out. The women's water closet has also been isolated from the rest of the building, and during the summer months access to it can be had by the middle door on the west side, between the hours of 9 A. M. and 6 P. M. The building has been insured against loss by fire, for three years, in two standard companies.

The three shelters over the seats have been strengthened by posts and roofed over with matched boards, so that they now afford protection from the rain as well as the sun.

The Park west of the band stand, on which the sewer contractor stored his earth and other materials, last year, has been put in fine shape, in accordance with the agreement, and without expense to the Town. The portion east of the band stand has also been made to correspond to the other part. A temporary wire fence was built about the seeded ground, which enabled the grass to get a good start, and it is to be expected that we will have a good turf there, before the end of the coming season.

In connection with our report on these improvements, the Board of Park Commissioners would suggest that the Board of Selectmen put the roadway separating the two portions of Blaney's Beach Park in a passable condition.

A new line of water pipe has been laid to a point in the sea wall, opposite the drinking fountain, for the use of boat owners in taking care of their boats.

The Monument avenue property has been cared for by an experienced gardner and has never looked better than the past season.

In view of the necessary expenses incurred in the administration of the Park property, and of the improvements, both necessary and desirable, which the Commissioners are contemplating, the Board of Park Commissioners recommend that the Town appropriate the sum of one thousand dollars ($1,000) for park purposes for the coming year.

JEROME PAUL JACKSON,
J. J. BLANEY,
FRED C. MARSH.

REPORT OF THE JOINT COMMITTEE OF THE BOARD OF SELECTMEN AND THE BOARD OF PARK COMMISSIONERS ON THE KING'S BEACH PARK.

After conferring with the Metropolitan Park Commissioners, in company with the Town Counsel, your Committee would report that they are satisfied that the Metropolitan Park Commission cannot turn over King's Beach to the Town without restrictions. The Metropolitan Park Commission will not turn over the beach under the terms of the "Indenture" of 1898. They would sell the Town such portion of the beach as they do not use for their new boulevard, but with the same restrictions

as those named in the "Indenture." They have spent upwards of $28,000 on King's Beach, and they would not sell any portion without receiving compensation for what they have put in.

The Metropolitan Park Commission did state, however, that they would be glad to consult with the Town, or the Town Park Commissioners, in regard to the improvement of King's Beach. The Town has never, in any manner, made any request of the Metropolitan Board, or expressed any wish as to the use or improvement of King's Beach. They practically said that the Metropolitan Park Commissioners would do anything, in reason, which the Town of Swampscott should request them to do.

JEROME PAUL JACKSON,

Secretary of the Committee.

December 10, 1903.

Cemetery Report.

To the Board of Selectmen:

Receipts. Lots Sold.

Three at $50 each	$150 00
Four at $25 each	100 00
Number of interments	34

List of Public Property.

Receiving tomb	$2,000 00
Old tomb	20 00
House	500 00
Implements	45 00

I would recommend that an appropriation be made for gravel and trimming trees.

Respectfully submitted,

J. P. M. S. PITMAN,

Superintendent Cemetery.

Report of the Tree Warden.

To the Citizens of the Town of Swampscott:

The fourth year of the duties of the Tree Warden is closed. The work of this department has increased year by year because of new roads accepted by the town containing trees to be cared for, also the increase of the brown tail moth caused by the neglect of private property owners, and the protection of trees against careless drivers of teams.

NUMBER AND KINDS OF TREES ON TOWN ROADS, APRIL 1, 1902.

Elm	214
Ash, White	37
Ash, Mountain	4
Maple, Rock	340
Maple, Norway	264
Maple, Silverleaf	111
Oak, Red	51
Oak, English	4
Willow	16
Chestnut	23
Larch	7
Total	1,068

TREES PLANTED OUT.

Maple, Rock	60
Maple, Norway	50
By abutter	2
Total	112

Number of trees on roads accepted in 1903	32

NUMBER OF TREES SET OUT IN 1903.

Hampden street	15
Middlesex avenue . . .	11
Norfolk avenue	17
Burrill street	11
Maple avenue	7
Farragut road	3
Thomas road	5
Andrew road	5
Beach Bluff	5
Walker road	3
Berkshire street	4
Stetson avenue	20
Columbia street	2
Essex street	2
By abutters	2
Total	112

Trees destroyed by horses and paid for by owner or driver, 2; killed by gas from sewer trench, 2; old trees removed, 10. Total, 14.

I have avoided planting trees in front of vacant land as they get no protection from the owner. Out of the 112 trees planted out in 1903 not a tree failed to live or make a good growth. Total number of trees on town roads at this time is 1,198.

Trees pruned, 130; protected by wire, 122; number of loads of loam used, 30.

Tools belonging to the department, 2 shovels, 1 pick, 1 ladder.

Work of protecting the trees against the ravages of the brown tail moth and other insects:

Number of trees found infested with nests, 560, an increase of 225 over 1902; as many as 315 nests being taken from a single tree. Trees sprayed for distruction of elm beetle, 8. Nests of the webb worm and the gipsy moth were found in many places.

The work of clearing the large trees is very slow and dangerous so it is with difficulty we can get young men to do the climbing with extra pay. While it can be readily seen there are a larger amount of moth nests on the trees than in 1903, caused by neglect of private property owners, there have been no trees stipped or injured by insects, which shows that trees cleared of nests in early spring will not be defoliated the following season.

As it is very doubtful if the legislature passes any bill this year protecting towns and cities from the ravages of tree destroying insects, I recommend the sum of one hundred dollars be appropriated in addition to the amount appropriated last year, also that the work of planting out trees by the road side on suitable roads be continued as in the three preceding years.

In concluding this report, your Tree Warden states that on Blaney street in front of the Thorndike estate are two very large trees situated in the sidewalk so near the fence that they are a great inconvenience to travel on the sidewalk, the snow plow is obliged to leave the sidewalk in passing them, besides keeping the curb stones out of place. The Tree Warden recommends they be removed, that the sum of seventy-five dollars be appropriated for the purpose of removing them and replacing the curb stones.

All respectfully submitted,

GEORGE NEWHALL,

Tree Warden.

REPORT OF THE

Inspector of Animals and Provisions.

To the Board of Selectmen:

There has been one general inspection of cattle and swine this year, with the result that all were found free from disease and well cared for.

The dealers in meats and provisions have all clean, well ventilated stores, and the quality of their stock has been good.

The fruit offered for sale by pedlars should be carefully inspected before purchasing. Two cases came to the notice of the inspector where fruit was offered for sale not considered fit for food. They were forbidden any further sales, under penalty of arrest. Housekeepers are frequently swindled by these parties and when decayed fruit is offered them they should notify the inspector so that the proper steps may be taken to prevent the sale of articles unfit for food.

Respectfully submitted,

JAMES T. LYONS,

Inspector of Animals and Provisions.

Report of Inspector of Milk.

SWAMPSCOTT, February 5, 1904.

To the Board of Selectmen:

The number of licenses granted for the sale of milk for the season of 1903 and 1904 was 21, for which the sum of ten dollars and fifty cents ($10.50) was received and paid into the town treasury.

Having had no complaint of impure milk throughout the year, I did not deem it necessary to make any analysis.

Number of licenses granted . . .	21
Amount received for licenses . . .	$10 50
Amount paid Treasurer	10 50

J. E. O. NESBITT,

Milk Inspector.

Report of Board of Health.

To the Citizens of Swampscott:

The Board of Health hereby presents for your consideration the report of their doings for the years 1903 and 1904.

The first regular meeting was held March 20th, and the Board organized as follows: Dr. Frank B. Stratton, chairman; Michael Haley, Jasper Stone, and W. B. Adams, clerk.

The health rules and regulations were adopted and posted in different parts of the Town.

HOUSE OFFAL.

The bids for the collection of house offal, ashes and night soil received and opened April 17th, there being five bids for the collection of offal:

Lyons & Mather	$750 00
B. T. Getchell	1,150 00
M. McDonough	945 00
Higgins & Co., Lynn	595 00
Wetherbee & Co., Lynn	700 00

The contract was awarded to Higgins & Co. for $595.

ASHES.

M. McDonough	$692 50
B. T. Getchell	850 00

M. McDonough was awarded the contract for $692.50.

NIGHT SOIL.

B. T. Getchell	$75 00
M. McDonough	95 00
Allen S. Rowe	100 00

Contract awarded B. T. Getchell for $75.

The contract for the care of Fisherman's Beach was awarded to Benj. C. Pedrick for the sum of $10 per week, said work commencing May 1st and lasting until October 24th.

The Board have received and investigated 79 complaints during the last year, the majority of the complaints being caused by overflowing cesspools. The Board would recommend that all property owners on the line of sewer make a special effort to enter same before the coming summer months, as it would have a great tendency to reduce the number of complaints along this line.

The Board have had reported during the year 36 cases of contagious diseases. Out of this number 15 cases were diphtheria (two of which proved fatal); 14 cases of scarlet fever; one of typhoid fever, (which proved fatal); and six cases of measles.

The Board wishes to call the attention of the voters of the Town to the reimbursement by the State, in the case of Albert Gray, Jr., affected with small-pox, during the months of June and July, 1902. Owing to patient having settlement outside of the State, the Board notified State Board of Charity, who sent down a representative to arrange a settlement with our Board; agreeing to allow payment on groceries, fuel, physician, medicine and nurse bills, amounting to $553.00. The remaining expenses are to be borne by the Town, as all cities and towns are supposed to maintain a hospital, and in case of non-residence the State allows only for actual expense of that case.

The house No. 7 Minerva street has been advertised for sale, according to vote taken at last Town Meeting, and up to present time have been unable to secure a fair price for the same.

The Board would recommend that the Town appropriate a sum of money to repair road leading to contagious hospital, as the road in present condition would be almost impassable.

The duties of the Board have been increased during the last year, owing to the incorporation of the sewer system, and have been obliged to appoint a health officer or plumbing inspector.

The Board received four applications for the position, and after due consideration appointed Mr. Martin E. Nies, who, according to all reports of those connected with the duties of said inspector speak very highly of the manner in which he has performed his duties during his term. In connection with this report find said report of health officer or inspector.

We desire to call your attention to the necessity of adopting certain statutes, in order to facilitate the work placed in our hands.

We recommend also your consideration of facilities for public baths, so that our citizens can again enjoy this pleasure without restriction.

We would also recommend placing property No. 7 Minerva street in the hands of real estate agents, who could dispose of said property more advantageously.

FRANK B. STRATTON,
MICHAEL HALEY,
JASPER H. STONE,
Board of Health.

W. B. ADAMS, *Clerk.*

Report of Inspector of Plumbing.

To the Board of Health, Swampscott, Mass.:

GENTLEMEN,—In submitting my first report as Health Officer and Inspector of Plumbing, I desire to express my appreciation of your confidence and co-operation in working out the detail of a department the duties and responsibilites of which are not generally understood. The advent of sewerage charges your Board with greater, varied and more important duties than heretofore, while the responsibilites with reference to the health of our townspeople will require at your hands the most careful consideration.

It is an established fact that wherever common sewerage exists decomposition and putrification of organic matter flowing therein take place, causing the generation of noxious gases as a final result, hence the absolute necessity that all plumbing and ventilation installed should be gas and water tight. All sanitary experts are of opinion and agree that the proper installation of the plumbing in our habitations is the most important feature in a perfect sewerage system, because it enters the dwelling and comes in direct contact with the lives and health of our people.

The general tendency of legislation on this subject, indicates in the near future a uniform statute governing the State. It has been my aim, in following the rules of your Board, to so regulate the installation of sanitary fixtures, on lines of sewer, as to cause the least possible outlay to the property owner, yet keeping in view and adhering to certain well defined principles governing sanitation, the application of which being absolutely necessary to ensure safe house drainage. In conclusion, permit me to express my thanks due Mr. Haley of your Board for his kindly assistance in many ways, also to the clerk and Board of Sewer Commissioners, and in particular to Chairman A. R. Bunting to whom I am greatly indebted for the generous aid rendered, in providing books, plans, and valuable counsel and advice.

I append a record of work to date:

Permits for plumbing issued	93
Plumbing installations tested, inspected and approved,	76
License certificates issued to Master Plumbers . .	18
License certificates issued to Journeymen Plumbers .	23
Certificates of inspection issued	76
Complaints investigated (violation of rules) . .	12
Master Plumber's license	1
Fees collected	$2.00
Number of inspections and investigations . .	476

Respectfully submitted,

MARTIN E. NIES,

Inspector of Plumbing.

SWAMPSCOTT, Feb. 26, 1904.

REPORT OF
Sealer of Weights and Measures.

The following is the report of the Sealer of Weights and Measures for the year ending February 19, 1904:
Total number of balances and platform scales tested from

April 1, 1903, to February 19, 1904	63
Number of weights tested	159
Number of measures tested	123
Number of weights condemned	7
Number of measures condemned	8
Number of balances condemned	4
Total number of milk jars tested	2,641
Total number of milk jars condemned	238

Total amount received, $17.79 for the above, which I turned over to the Town Treasurer, for which I received a receipt.

The standard embraces the following:

One avoirdupois balances, fifty pounds.

One set avoirdupois weights, sixteen divisions; drachms, one, two divisions; ounces, one-quarter, one-half, one, two, four, eight; pounds, one, two, four, five, ten, twenty, twenty-five, fifty.

One set of liquid measures of six dimensions: One gill, one-half pint, one pint, one quart, two quarts, one gallon.

One set of dry measures, five divisions: One quart, two quarts, one-half peck, one peck, one-half bushel.

One yard measure, ten fifty-pound weights: One balance for testing small weights, one steel stamp, 1904; one hammer, two drills, one bitstock, one breast drill, one tripod, one tin tube, ten graduating glasses.

MICHAEL HALEY,

Sealer of Weights and Measures.

Report of Committee on Street Lights.

To the Citizens of Swampscott:

Your committee in charge of this department would say there is nothing of any importance to report at this time.

We are running upon the upper and lower circuits one hundred and twelve arc lights, with fifty-six incandescents. Our lighting system seems to be giving general satisfaction, the police reporting from time to time those that burn out and become blank.

Electricity is subject at times to many mysterious pranks, and a street lamp that has swung high and gone through the past winter without causing some trouble to the company and an inconvenience to the citizens has indeed been a perfect piece of mechanism.

During the year there have been 44 lamps reported by the police as being out at various times for a longer or shorter period but a very few, however, for the entire night (seven only) and considering the weather and at times the almost impossibility of being able to notify the company when a lamp went wrong, we think the service satisfactory. Our present contract will expire on July 24, 1905, and your committee would suggest to the citizens that this matter should be given consideration at the Annual Town Meeting, March, 1905.

The total appropriation for street lights for the year was $8,287; we have overrun this amount, $150. The expenditure gradually increases year by year and your committee recommend an appropriation for the current year of $8,700.

E. A. FARNHAM,
J. R. MERRITT,
F. L. BONNEY,
M. L. QUINN,
F. J. LINNEHAN.
Committee.

Report of Library Trustees.

To the Citizens of Swampscott:

The Town Library contains 8888 volumes.

Four hundred and thirty-four books, including 18 bound magazines, have been added.

Twenty-five books have been replaced, and 358 rebound.

Five books have been destroyed on account of contagious diseases.

Books presented include The Tradition of the Old Weaver's Clock, from Mr. John Albree, and The Rise and Progress of the Standard Oil Company, from Harper Bros.

Respectfully submitted,

ELIZABETH J. HADLEY,
FRANK F. STANLEY,
FRANK E. INGALLS.

February, 1904.

Report of Water Commissioners.

To the Citizens of the Town of Swampscott:

The Water Board herewith respectfully submits its sixth annual report:

Although the year just closed has not been as busy a one in this department as the few preceding, still there has been considable accomplished which tends to the ultimate efficiency of the Town's water service.

The work of the season began on Grant road, where a number of new dwellings had been built. We extended the six (6) inch main from Ellis road through Farragut, Grant and Walker roads to Devens road. This was done in early June.

By vote of the Town at its annual meeting of 1903, five hundred dollars ($500) was appropriated to lay an eight inch (8) main in Thomas road from Burrill street to Elmwood road. This work was commenced June 19 and completed June 26 at a cost of $561.86.

At a special town meeting, held July 22d, one thousand dollars ($1,000) was appropriated to extend the pipe in Walker road to the house of Frank H. Bradford, a distance of six hundred and eighty (680) feet. This was done in the middle part of August at a cost to the Town of $679.95.

Pursuing the policy of former years in regard to the old cement pipe, we decided after the summer travel was over to replace the six inch (6) main in Burrill street with cast-iron. This work was begun October 26 and finished November 13, a distance of twenty-four hundred (2,400) feet, the cost being $1,743.63. On November 16th we commenced work on Atlantic avenue and replaced fifteen hundred and seventy-five (1,575)

feet of the eight inch (8) cement with ten (10) inch cast-iron pipe, bringing the new pipe as far as the residence of John Shepard on November 27th, at a total cost of $1,813.43.

Having completed the work planned for the year, Farragut road being torn up for the laying of the sewer, we thought the time was opportune to remove the two (2) inch pipe which was inadequate for this street of twenty or more dwellings. Some blasting was necessary here, owing to the shallowness with which the two (2) inch pipe was laid by the Marblehead Company, but we managed, however, to finish the work before the ground froze for the winter.

In June of last year, as you probably know, the Metropolitan Water Board attached a meter to our main line on Nahant street, in Lynn, and we, having had some curiosity to know, in order that the townspeople might be informed how much water was being used in Swampscott at present, made written request for figures for the preceding six months; in answer, we got the following reply which, if taken up in conjunction with our agreement with them (a copy of which appears in the town report of 1899), makes interesting reading:

COMMONWEALTH OF MASSACHUSETTS.

METROPOLITAN WATER AND SEWERAGE BOARD.

(Copy.) BOSTON MASS., January 25th, 1904.

MR. WILLIAM H. BATES,
Chairman Water Board
Swampscott, Mass.

DEAR SIR:—In reply to your inquiry as to the quantity of water used in the Town of Swampscott since the Venturi meters have been in use, I send the following statement:

	Daily Average Gallons.
July	713,100
August . . .	715,100
September . . .	592,500
October . . .	457,100
November . . .	347,500
December . . .	338,600

I can not inform you as to what the water would have cost if paid for by the quantity used, as no rate has ever been established. The total assessment paid by the Metropolitan District for the past year was equivalent to about $50 per million gallons supplied. The consumption in Swampscott, I estimate at about 480,000 gallons per day, so that if the assessment had been levied in proportion to the quantity used, your assessment would have been about $8,760.

It is very evident that the consumption in Swampscott is much larger than is necessary, and I advise you to institute measures to prevent unnecessary waste of water.

Yours very truly

DEXTER BRACKETT,

Engineer, Distribution Dept.

During the year we have had five breaks in the old cement ined pipes, and it is very evident that its life has already passed. Ve still have 14,444 feet of it in our streets, and it is our inten- ion the coming year to remove still more in Atlantic and Beach Bluff avenues, where it has bothered us most.

In view of the foregoing, it seems to us impossible to make ny reduction in our water rates at present (unless our cash alance is augmented by something more than our regular eceipts), as much as we would like to do so, looking at it from personal standpoint as well as from that of many citizens of he Town; and we ask you as Water Commissioners to allow he present schedule to remain until such time as we can com-

plete the much needed improvements now under way; we believe that a reduction can then be made which will be a substantial one.

Respectfully submitted,

WILLIAM H. BATES,
CHARLES S. HASKELL,
SAMUEL M. KEHOE,

Water Commissioners.

Cost of Construction, Including Hydrants and Gates.

Atlantic avenue (replacing cement),	$1,813 43	
Burrill street (replacing cement) .	1,743 63	
Grant and Walker roads . .	1,005 39	
Farragut road	747 11	
Walker road	679 95	
Thomas road	561 86	
Mostyn street	102 87	
Ellis road	81 00	
Jeffries street	64 68	
		$6,799 9
Value of Swampscott Water Plant, Jan. 1, 1904		$180,779 2

Hydrants were located as follows:

Thomas, corner Elmwood roads . .	1
Grant road	1
Walker road	2

Total length of main and distributing pipes, 108,046½ feet or 20 $\frac{46}{100}$ miles.

Total number hydrants . . .	121
Total number gates	266
Number of services added during 1903,	59
Total number of water takers . .	1,114

Replacing and Extension of Pipes.

Cast-iron pipe was laid in the following streets and avenues:

Burrill street (replacing cement) .	2,400	feet of	6-inch	pipe.
Atlantic avenue (replacing cement)	1,575	" "	10 "	"
Grant & Walker road . . .	997	" "	6 "	"
Farragut road (2-inch removed) .	730	" "	6 "	"
Walker road	679	" "	6 "	"
Thomas road	468	" "	8 "	"
Ellis road	225	" "	2 "	"
Mostyn street	156	" "	6 "	"
Jeffries street	96	" "	4 "	"

Gates were located as follows:

Atlantic avenue	3	10-inch	gates.	
Orient street near Little's entrance . .	1	8 "	"	
Corner Thomas road and Burrill street .	1	8 "	"	
Thomas road	1	8 "	"	
Corner Farragut road and Ellis road . .	2	6 "	"	
Corner Thomas road and Farragut road .	1	6 "	"	
Grant road	2	6 "	"	
Walker road	2	6 "	"	
Corner Claremont terrace and Burrill street	1	6 "	"	
Corner Rock avenue and Burrill street .	1	6 "	"	
Corner New Ocean street and Burrill street	1	6 "	"	
Burrill street	1	6 "	"	
Jeffries street	1	4 "	"	
	18			

Financial Statement for the Year Ending February 29, 1904,

RECEIPTS.

Cash on hand March 1, 1903 . .	$5,806 57	
Received for water . . .	19,517 21	
Received for services . . .	712 02	
Received from Town, account Walker road	679 95	
Received from Town, account Thomas road	561 86	
Sale of boiler (W. T. Walke) .	100 00	
Sale of sand chamber (R. R. Sherman & Co.)	60 00	
Sale of old pipe (H. S. Tuttle). .	25 00	
Sale of pipe (Philbrick and Pope),	29 18	
Rent of land for signs . . .	31 50	
Land rent (S. D. Wood) . .	15 00	
Land rent (J. E. Melzard) . .	25 00	
Land rent (Highway Department) .	18 75	
Sale of wood (Highway Department),	9 00	
Interest on deposits . . .	105 46	
		$27,696 50

Expenses.

Construction account . . .	$9,788 42	
Maintenance account . . .	6,339 69	
Repairs	1,127 70	
General expense	519 49	
Legal expense	410 00	
Interest on bonds	4,655 00	
Sinking Fund, ...	2,800 00	
Balance in hands of Town Treasurer,	2,056 20	
		$27,696 50

Inventory of stock, Jan. 1, 1904 . $2,634 59

Report of the Trustees of the Sinking Fund.

As trustees of the Sinking Fund and in compliance with Chapter 293 of the Acts of 1898, we submit the following report:

Amount of fund as per report of 1903		$15,517 01

RECEIPTS.

Interest received from the following banks:

Mechanics Savings (Worcester) .	$40 12	
Peoples' Savings (Worcester) .	41 20	
Institution for Savings (Newburyport)	37 92	
Salem Savings	36 37	
Cape Cod Five Cents Savings (Harwich)	36 30	
Commonwealth Savings (Lynn) .	17 50	
Lynn Institution for Savings . .	4 37	
Marblehead Savings . . .	4 87	
Salem Five Cents Savings . .	23 74	
		$242 39
Interest on $10,000, 3½ per cent., Swampscott Water Bonds due August 1, 1903	$175 00	
Due February 1, 1904 . .	175 00	
		350 00
Reserved for Sinking Fund as provided by law, 2 per cent. on $140,000 bonds (1903-1904) .		2,800 00
Total		$18,909 40

INVESTMENTS.

Ten $1,000, 3½ per cent., Swampscott Water Bonds . . .	$10,000 00	
On deposit in the following banks:		
Mechanics Savings (Worcester) .	1,043 47	
Peoples Savings	1,071 30	
Institution for Savings (Newburyport)	1,112 20	
Cape Cod Five Cents Savings (Harwich)	1,064 85	
Salem Savings	1,067 10	
Salem Five Cents Savings . .	1,023 74	
Lynn Institution for Savings . .	504 37	
Commonwealth Savings (Lynn) .	1,017 50	
Marblehead Savings . . .	654 87	
Natick Five Cents Savings . .	350 00	
Total		$18,909 40

WILLIAM H. BATES,
CHARLES S. HASKELL,
SAMUEL M. KEHOE,

Trustees.

SECOND ANNUAL

Report of Sewer Commissioners.

MARCH 1, 1904.

The Board of Sewer Commissioners of the Town of Swampscott respectfully submit the following report of construction on the Sewerage System at Swampscott. This report is the second annual report of the Sewer Board.

Organization and Officers.

The Board organized for the year with A. R. Bunting, Chairman, and H. B. Sprague, Clerk.

The clerical work of the Board has been greatly increased on account of the assessments, and George T. Till was chosen as permanent clerk and has acted in that capacity since May 1, 1903. The sewerage system being so far constructed on November 16, 1903, that it was necessary to have an engineer at the station, the Sewer Commissioners after careful consideration, appointed Melvin N. Jones as engineer to operate the machinery. It also became necessary when the system was put in use, December 1, 1903, by the connecting of houses and buildings with the sewers, to have a superintendent who should have a general oversight of the sewers and attend to all necessary details in connection with the operation of the system. The Board have appointed I. Irving Edgerly as superintendent. Mr. Edgerly entered on his duties December 12, 1903. The salary of the clerk of the Board has been fixed by the Sewer Commissioners as $240 per annum. The salary of the

engineer at the station, which requires the entire time of the engineer, including Sundays, in connection with his duties at the station, has been fixed by the Sewer Commissioners as $910 per annum. The salary of the Superintendent has been fixed at the sum of $250 per annum.

Completion of Sewer Construction Authorized.

With this report the Sewer Commissioners present the completion of all sewer construction which has to this time been authorized by the Town. This construction has continued during the last two seasons and the report issued by the Sewer Commissioners for 1902 was in the nature of a Progress Report. The system of sewers as installed, consists of the main artery sewers from the western and central sections, the general receiving basin, designed to take care of the whole system, together with the pumping station, pumping plant and outfall main. The lateral sewers which have been constructed in the western and central sections of the Town embrace a considerable portion of the more thickly settled districts. The Town of Swampscott now possesses an adequate sewerage disposal plant for the entire Town. The future sewer construction will be in the nature of adding to the territory covered by the sewers any extensions of the system. Reference is made to the report of the engineer, Mr. Worthington, which is presented herewith, for details of construction. It will be unnecessary to repeat these details in this report as they are contained in the Engineer's Statement.

Particular Sewers.

The special features which the Commissioners have this year met over and above the completion of the system started in 1902, have been the construction of particular sewers and connecting drains in the streets so as to provide a ready means of making house connections, and the extension of the sewerage system, voted by the Town, March 17, 1903. The construction of particular sewers by the Town was brought about by the action of the Town Meeting of March 17, 1903, at which meeting the Sewer Commissioners were instructed to petition the legislature for an Act which would enable the Town to construct these particular

sewer connections at the expense of the Town in the first instance, the Town to be reimbursed by the parties and estates benefited, through an assessment. In accordance with the vote of the Town the Sewer Commissioners obtained an Act, which is Chapter 401 of the Acts of 1903 of the Legislature of Massachusetts. This Act became a law May 29, 1903. Besides providing for the particular sewer connections at the expense of the Town, the Act also provided for a further sum of $50,000 which might be raised upon notes, bonds or scrip by the Town of Swampscott for sewerage purposes. This made the total amount for which the Town could issue bonds, in connection with the sewerage system, $250,000. This Act was presented to the Town at a Town Meeting, held July 22, 1903, and was accepted by the Town at such meeting. At the same Town Meeting, the Town, by specific vote, authorized and directed the Sewer Commissioners to construct these particular sewers and connecting drains and to make assessments therefore at the average cost per foot. The Commissioners have, therefore, had prepared these assessments in accordance with the vote of the Town and with the legislative Act, and these assessments will be issued about April 1, 1904. A detailed statement of these particular sewers and connecting drains will be found in the Engineer's Report.

Extensions of 1903.

The Town voted, on July 22, 1903, to extend the sewerage system through Ellis road, from Paradise road to Farragut road; on Farragut road, from Grant road to Thomas road; on Elmwood road, from Thomas road to a point above Hardy road, and on Norfolk avenue, from Stetson avenue to the house of Mrs. H. L. White. These extensions have been made during the last year and are shown upon the statements submitted in the Engineer's report.

Land Easements.

The land easements for the crossing of the sewer through private lands were all acquired in 1902, except those of Fred E. Baker and Mabel W. Glidden. The Sewer Commissioners hav-

ing been unable to agree on a price with these owners, this question of price on these easements has been left to special commissioners. These commissioners have had a hearing on the subject, but as yet no report has been made in regard to their findings. These claims therefore, remain to be adjusted.

Drainage Petition.

The Sewer Commissioners received a petition from Weston K. Lewis and others in relation to the brook and Town drain that crosses Orient street, near Woodbine avenue. This brook drains the low land lying in the rear of the new Ocean House and between Orient street and Humphrey street. The Sewer Commissioners have had a report made by their engineer, Mr. Worthington, in regard to this situation and this report has been presented to the petitioners. While the Sewer Commissioners feel that there is an opportunity for considerable improvement in this brook and drain, the expense of this undertaking, which has been estimated as about $1,600, seems considerable for the Town to undertake, and the Board have no authorization from the Town to proceed in this matter. They feel, moreover, that the improvement of this ditch is to a large degree directly beneficial to the land owners in the vicinity and that it might be advisable for these land owners to stand at least a portion of this expense should the work be undertaken. The report of the engineer on this matter is on file with the Board.

The following is a statement of the bond issues and borrowings made by the Sewer Commissioners for sewer construction to the date of this report. This statement includes all the bond issues and borrowings from the first start of construction, this being for the purpose of showing the entire financial statement in a concise form as relates to construction:

Receipts on Construction Account.

Nov. 17, 1902.	Bond issue . . .	$124,000 00
	Premium . . .	3,092 56
	Accrued interest . .	916 22
March 1, 1903.	Interest on deposit . .	352 11
May 16, 1903.	Bond issue . . .	60,000 00
	Premium . . .	623 40
	Accrued interest . .	431 67
	W. G. Nash, for empty cement bags . .	94 46
	E. B. Roberts, for pipe .	5 00
Oct. 17, 1903.	Temporary loan on bonds .	25,000 00
	Interest on deposits . .	256 34
	M. D. Porter, insurance rebate . . .	9 00
	Norfolk Avenue Drain reimbursement . .	3,000 00
	City of Lynn, for cleaning brook . . .	12 25
		$217,793 01
Feb. 26, 1904.	Expenditures for construction	217,773 86
	Balance . . .	$19 15
Feb. 26, 1904.	Receipts from assessments .	$3,181 42
	Expenditures for maintenance . . .	2,002 57
	Balance . . .	$1,178 85

Liabilities.

Lyons & Mather, balance due on contract for particular sewers, held for repairs . .	$100 00
Engineering contract, balance due to March 1, 1904	596 64
	$696 64

It will be seen from this statement that the total bond issue sold or pledged for sewer construction has been $219,000. Of this amount $7,288.78 has been expended in the construction of particular sewers and connecting drains. This amount is to be covered by an issue of bonds, payable in from one to ten years, and the entire amount will eventually return to the Town from these assessments. This makes the total cost of construction of the sewerage system to the Town to date, including the liabilities, $211,181.72. The returns from sewer assessments as issued on the frontage and area basis will bring to the Town about $25,000. This will make the net cost to the Town for sewer construction to date $186,000 substantially. The total bond issue as authorized by the legislative acts is $250,000. The present issues are $219,000, of which $10,000 is still in the hands of the Treasurer. The Town has a right to issue $31,000 in bonds for further sewer construction at such time as they may deem expedient. Your Commissioners feel that should the Town desire to extend the sewerage system in the immediate future that so far as possible it would be advisable to meet the cost of such extensions from the assessments. In this manner the indebtedness of the Town will not be increased as it would be by an issue of bonds. The Commissioners therefore recommend that the Town appropriate a sufficient sum annually for maintenance, retiring of bonds and interest on the sewer loan.

Those portions of the Town where the sewerage system was most needed having been provided for, your Commissioners recommend that no extension of the system be made the present year unless the construction is imperative.

The question of maintenance of the system demands the more immediate attention of the Commissioners at the present time. Under ordinary circumstances the Sewer Commissioners feel that the expense of this maintenance will not exceed $3,500 per year. This cost is made up as follows:

AT PUMPING STATION.

100 tons of coal at $4.50	$450 00	
Supplies	100 00	
Salary of Engineer	910 00	
Total		$1,460 00

MAINTENANCE OF SYSTEM.

Superintendent	$250 00	
Labor	500 00	
Total		750 00
Clerical services		240 00
Salary of Commissioners		600 00
Miscellaneous expenses		450 00
Maintenance, 1903		$3,500 00

The Commissioners recommend that this sum, $3,500, for maintenance for 1904, together with the cost of maintenance for 1903, viz., $2,002.57, be appropriated.

A statement is included in the Engineer's Report showing the cost of each individual item of sewer construction, which will be of interest.

In conclusion, the Commissioners desire to express their appreciation of the services of Mr. Worthington, Engineer, and his assistants, for their conscientious and faithful performance of the exacting duties required in the supervision and inspection of the construction of our system of sewers.

AARON R. BUNTING,
HENRY B. SPRAGUE,
OSCAR G. POOR,

Sewer Commissioners.

SWAMPSCOTT SEWERAGE SYSTEM.

Engineer's Report of Construction

To March 1, 1904.

Aaron R. Bunting,
Henry B. Sprague,
Oscar G. Poor,
} *Board of Sewer Commissioners, Swampscott, Mass.*

Gentlemen,—I present the following report on the Construction of Sewers in Swampscott to March 1, 1904. This report embraces all the construction work at present authorized by the Town of Swampscott, the system including about 7.456 miles of sewers and 2.52 miles of permanent underdrains. A progress report was submitted on February 1, 1903, showing the work done to that time, and this report is to a large degree a continuation of the previous report.

In the summaries of costs and work the entire system which has been constructed during the last two years is included.

By reference to the report submitted on February 1, 1903, the various details of the contracts which had been entered into at that time will be found, including all work which was done upon these contracts up to the date of such report.

The work in 1903 has been the completion of the contracts already entered into for the Distribution System, which embraces Sections 3, 4 and 5 of the street mains, the work upon the receiving basin has been completed, the pumping station built, the pumping plant installed therein, the Outfall Main to Dread Ledge laid, certain extensions of the sewerage system as voted by the

Town were also laid, and also such particular sewers and connecting drains as were required upon public streets and ways where a sewer had been laid, have been introduced. By further reference to the previous report, the division of the work into various contracts is shown therein. Certain other contracts were entered into this last season in regard to the pumping plant and particular sewers. For convenience, however, the various contracts which were entered into last year in their due order will be taken up in the same way in this report.

Material Contracts.

These contracts were three in number, as follows:

1. For the vitrified clay or sewer pipe.
2. For the cast-iron pipe.
3. For the manhole iron work.

Sewer Pipe.

This contract which was entered into with the Portland Stone Ware Company of Portland, Me., in 1902, was completed at the time the report was rendered, February 1, 1903. Some additional material was required, however, to carry out the extensions of the system authorized at the Town Meeting held March 17, 1903. This additional material was bought from the Portland Stone Ware Company, in continuation of the previous contract.

Cast-Iron Pipe.

The cast iron pipe required for the Outfall Sewer from Whale Beach to Dread Ledge was purchased through F. A. Houdlette & Son, from the United States Cast Iron Pipe and Foundry Company. The following bids were received for this work:

Chas. Millar & Son	$32 20
U. S. Cast Iron Pipe and Foundry Co.,	29 45
J. W. Holmes, agent for Donaldson Pipe Co.	29 23
F. A. Houdlette & Son . . .	29 10

The bid of F. A. Houdlette & Son was the lowest presented, and the contract was therefore awarded to them.

Manhole Iron Work.

The manhole iron work required for construction of sewers to carry out the work authorized by the Town was purchased of the Hayes Foundry Company, and was all supplied prior to February 1, 1903. The Hayes Foundry Company, however, continued their same rate of prices for the extensions authorized in 1903, and the material therefore supplied was in continuance of this contract.

Labor Contracts.

These contracts are:

1. For unloading and stacking pipe and material received on cars at Swampscott.
2. For laying the Outfall Main or Sewer from Whale Beach to Dread Ledge, termed "Section 1."
3. For laying cast-iron force main to receiving basin, termed "Section 2."
4. For the receiving basin.
5. For the pumping station.
6. For the pumping plant.
7. For a portion of the street mains, including the heavy work of the tunnel through Humphrey street, termed "Section 3."
8. For the street mains lying east of New Ocean street not included in the tunnel section, termed "Section 4."
9. For street mains designed for present construction which drain through New Ocean street to the main outlet, and the extensions authorized by the Town Meeting of March 17, 1903, termed "Section 5, Extensions."
10. For the particular sewers and connecting drains within the limits of the streets and public ways of the Town where a sewer had been constructed.

Unloading Pipe Contracts.

The work of 1903 under this heading consisted in teaming the cast-iron pipe for the Outfall Sewer from the railroad to Whale Beach. The bids received for this work were as follows, on March 6, 1903:

M. McDonough . . .	$0 70	long	ton.
H. S. Tuttle . . .	75	"	"
W. T. Ryan . . .	1 00	"	"
B. T. Getchell . . .	1 10	"	"

The contract was awarded to Michael McDonough as the lowest bidder, and has been fully completed.

Outfall Main and Sewer From Whale Beach to Dread Ledge, "Section One."

The work of laying this Outfall Sewer was of a peculiar nature and required a contractor, fitted by both experience and plant, to perform this work in an economical and satisfactory manner. A considerable amount of correspondence and effort was devoted to obtaining bids upon this work and personal visits to several contractors were made for this purpose. It resulted in being able to get practically but one bid upon this work, that of Joseph G. Falcon of Evanston, Ill., who makes a special business of this class of work. Other contractors who examined this work declined to bid on account of difficulties which they foresaw and also because of the work which was then under way by the Metropolitan Sewer Commissioners at Quincy, and which occupied their time and plants. Mr. Falcon, besides performing the labor required furnished also a certain amount of material, which consisted of a special flexible joint which enabled lengths of pipe to be joined together beneath the surface of the water in a substantial manner, and also allowed a certain flexibility in the location and bedding of the pipe. A contract was made with Mr. Falcon for this work on Jan. 21, 1903. This work was started May 15, 1903, and was completed August 10, 1903, and has been satisfactorily performed on the part of Mr. Falcon. This Outfall Sewer is laid beneath the surface of the beach and bedded in the sand to a point two feet below low water. From this point to Dread Ledge the pipe rests upon the bottom, being partially bedded, however, in the sand and supported at special points by stone piers and oak timber platforms. It is also secured from lateral movement by its bedding in the sand and by boulders which have been placed on either side of the pipe.

Piles have also been driven at certain points to further secure its stability. At one point, where an extensive piece of ledge was found, the pipe is secured as it runs over this ledge by straps and lewis bolts. Considerable care was devoted to the location of this Outfall main, and the pipe lies on a practically even grade with a continuous fall to its end which is about 320 feet due south from the beacon on Dread Ledge. At this point the depth of the water is about 60 feet at high tide. A temporary relief outlet has been provided near Black Rock, should contingencies require its use, and this can be made available by unbolting its cover at any time. At the extreme end of the Outfall main is located a foot piece with an elbow, throwing the discharge from the sewer upwards at an angle of about 45°, to prevent the possibility of a deposit near the mouth of the sewer. The location of this sewer and all points upon it are shown upon the plans which have been filed with your Board, so that its course can be determined at any time by reference to such plans. The sewer has been in use since the first of December, 1903. It is an impossibility to determine any difference at the surface of the bay when the sewer is discharging from the normal condition of the water at that point, and it may be confidently asserted that it would be impossible to detect any discharge from this sewer during its operation.

Force Main.

SECT. 2. The cast-iron force main was fully completed last year and covered in the report presented for the last year's work. This force main is 18 inches in diameter and connects the Outfall Sewer with the pumping station. The location of this force main is shown on the location plans filed with your Board.

Receiving Basin.

The contract for the receiving basin with Tuttle & Edgerly of Swampscott was not fully completed in 1902, work having been suspended on it December 17th by reason of weather conditions. This work was resumed on March 30, 1903, and completed May 4, 1903. At the lower end of the receiving basin the walls were continued to a point two feet above the surface of the

ground, forming the foundation walls for the pumping station. Tests of this receiving basin showed it to be a very substantial and tight structure. The concrete composing the arch covering and a portion of the walls was found to be of a specially good character and it is an extremely difficult piece of work to cut through this structure at the present time. The receiving basin has been in use since about June 1, 1903, when the water was turned into it from the sewers, and has been in use for sewerage purposes since the first of December, 1903. The details of this receiving basin are as follows:

In plan it is a rectangular receptacle about 112 feet long and 40 feet in width, and when full contains 250,000 gallons. The sides are composed of heavy stone masonry walls with a concrete bottom. It is roofed over with two long concrete arches which are supported in the middle by brick piers and arches. Entrance and inspection manholes are provided at the upper end near the street. At the lower end there are hatchways located in the pumping station which permit of access to its interior. The pumping station is placed on the lower end and the bottom pitches two feet from front to rear to secure ready drainage of the basin to the pumps. The entire basin is covered over, no portion of it being visible on the ground. Ventilation is provided through the chimney of the pumping station. All possible odors, therefore, from this basin will be taken upwards through the chimney and during the time that a fire is maintained in the boiler it is probable that a more or less complete combustion of gases will ensue. The sewage which is received in this basin does not remain there for a sufficient length of time to permit any amount of putrefaction, which would produce gases to any extent. The entire discharge being pumped as it is to a point beyond Dread Ledge makes it safe to predict that there will be absolutely no annoyance from this basin. At the end where the pumping station is located a pump chamber is provided with a special sump or depression in the bottom from which the pumps draw their supply. The sump enables the pumps to draw all the sewage from the main basin without interfering with their operation. This pump chamber is sepa-

rated from the rest of the basin by a solid brick division wall, except at one point where heavy metal screens are provided. These screens strain the sewage so as to keep sticks and larger matter back, which would otherwise reach the pumps and interfere with their operation. These screens are raised and lowered by means of a specially designed hoist located in the pumping station, and are operated through a hatchway in the floor of the boiler-room.

Pumping Station.

Bids were received for the pumping station on June 19, 1903.

The following bids were received:

O. J. Markee, Swampscott, Mass.	$4,738 00
Edw. D. Dearborn, Lynn, Mass.	4,985 00
Charles C. Blanchard, Lynn, Mass.,	5,613 00

The contract was awarded to Oval J. Markee of Swampscott. Work was begun under this contract July 1, 1903, and completed September 1, 1903.

The pumping station consists of a plain, substantial brick structure erected over the lower end of the receiving basin. The foundation walls of the pumping station are a continuation of the walls of the basin. The dimensions of the pumping station are 30 feet by 40 feet. It is divided into two rooms, an engine room and boiler room. The roof is slate and is provided with a ventilator. A brick stack 55 feet high is constructed at one corner of the station. The design of this station has been to furnish a competent and serviceable building for the pumping plant used in pumping sewage from the receiving basin through the outfall main to the point of discharge beyond Dread Ledge. In connection with the station means of access to the basin below have been provided by traps in the boiler room floor. One of these is over the location of the screens already referred to in connection with the basin. A screen hoist is provided also to permit the raising and lowering of screens when the occasion requires. Connected with this pumping station is a wooden coal shed which will hold when full thirty-five tons of coal. A portion of the coal shed is also partitioned off for a small tool room. This

coal shed is in the rear of the station and made accessible by a gravel drive. A platform extends from the boiler room door along the front of this shed for convenience in handling the coal. Considerable grading has been done about this pumping station, and with a little expenditure the space in front of the station can be made a green lawn, forming a great improvement in the conditions which existed prior to the construction of the station and basin.

It has been before stated that the smoke stack, or chimney, also provides a ventilator for the basin, to carry off odors and gases which may arise from the sewage contained.

Pumping Plant.

The primary question in relation to the pumping plant was to determine what motive power should be used. A question arose in regard to the use of gasoline engines, in view of the limited time pumping would probably be required, as by this means a greater compactness of plant could be obtained with less difficulty of freezing in cold weather. After a considerable study and research on the part of your Board, in conjunction with my own investigations, it was decided to install a steam plant, this decision being reached by reason of probably greater economy in actual operation and the possibility of extensions in the future. The cost of the plant, whether operated by steam or gas, did not materially differ. Proposals for this plant were received at various times, the last being received on December 18, 1902. The bids received were as follows:

Holmes & Blanchard Co. . .	$6,185 00
Stillwell-Bierce Co. . . .	6,225 00
Westinghouse, Church, Kerr & Co.,	7,673 00

The contract was made with the Holmes & Blanchard Co., on May 15, 1903, for the furnishing and installing of the pumping plant, their design and layout of machinery being considered the most advantageous for the Town, as well as their price being the lowest. The installation of this plant began on September 1, 1903, and was completed and in operation on December 1, 1903.

The installation was begun as soon as possible in connection with the construction of the pumping station. In brief, this plant is a duplicate set of machinery and boilers throughout, so that in its operation temporary repairs in any portion will not interfere with the operation of the system. The plant consists of the following parts: Two vertical, rotary, centrifugal pumps, which have an 8-inch discharge; these pumps are located in the pump sump, or well, of the basin; two 50 H. P. stationary engines, constructed by the Valley Iron Works; two horizontal boilers of the Scotch marine type of 50 H. P. each. A feed pump is provided to supply the boilers while running, and all feed water passes through a heater, which is heated by steam from the exhaust from the engine. The power transmission is provided for by belting from the engine to a jack shaft and from this jack shaft over a vertical pulley situated on the pump shaft. This power transmission is so arranged that either engine can be operated by both pumps, or either pump individually, or both engines and both pumps can be run together. The arrangement of the steam is such that either boiler can supply either engine or both engines. This arrangement has been made with special reference to interchangeability in running. The pumps are connected by means of a 12-inch discharge pipe to the 18-inch force main which runs through to Whale Beach and connects at that point with the Outfall Sewer to Dread Ledge.

In connection with the plant a tell-tale guage has been introduced by means of a float and weight with pulleys, so that the depth of water in the basin can be determined at a glance at the guage. Hand gates are provided, so that either of the pumps or both can be connected through the discharge main. Provision has also been made for the addition of a third pump in case this is required.

This plant was guaranteed by the contractors to pump with one pump and engine 240,000 gallons in three hours or 80,000 gallons per hour. This required an engine speed of 275 revolutions per minute, making the speed of the pumps 400 revolutions per minute. This would be practically 1,400 gallons per minut

pumped through the discharge to Dread Ledge outlet. A trial of these engines was made in the latter part of November and the first part of December, each engine and pump being run separately. The engines were run from 213 to 218 revolutions per minute, this being substantially 20 per cent. less than the contract speed and the sewage was discharged at the rate of about 100,000 gallons per hour, when run at this decreased speed. This is an excess of 25 per cent. over the contract requirements. The plant will therefore be seen to have a capacity for about 30 per cent. in excess of the contract requirements. The plant operated smoothly throughout this test, and is easily operated. There are some minor adjustments of belts, shafting and other details which will have to be made from time to time during the early period of operation of the plant. There is no reason, however, why this plant should not fully answer all your requirements for a great many years. The combined capacity of the two pumps will take care of one-half a million gallons in three hours, or one and one-half million gallons in an ordinary day's run of ten hours. At the present time the operation of the plant is necessary, by filling the basin, under usual conditions, about once every two days. Certain extraordinary conditions require the operation of the plant oftener. These conditions are brought about by extremely wet weather and snow upon the ground which introduces a large amount of surface water through the manhole covers into the sewer. This condition of affairs exists largely on the streets having a street car track upon them, the car track being below the remaining portion of the street. At such times it appears that when the snow is upon the ground the excess of water from the streets, to a large degree, runs down such tracks. At these times the conditions will be most favorable for an increase of discharge into the basin. This condition has already occurred and has about doubled the discharge into the basin at such times. This condition is not a serious trouble at the present time; should, however, in the future there arise difficulties from too large an inflow, it is comparatively a simple matter to close the openings in the manhole covers left for ventilation and thus exclude surface water to a large degree. This is a matter of operation which may be necessary in the future.

The economy of the plant is shown by the amount of coal used. From nine to twelve pounds of coal are required per horse power. About 500 pounds of coal is required in making steam from a cold boiler and making the run required to empty the basin. During the cold weather sufficient fire is maintained on the boilers to keep the water in the boilers warm and prevent freezing. In the summer time this will not be necessary. It is found that in operating the plant from a ton to a ton and a half of coal is required per week. It is probable that seventy-five tons of coal will be required to operate the plant throughout the first years of its operation. This will make an expense of from $400 to $450 per year for fuel. If there be added to this the expense of the engineer and the miscellaneous supplies for the plant, the cost of the maintenance at the station will be easily ascertained.

Collecting System.

The remainder of the sewerage plant has been termed the Collecting System and consists of the main sewers in the streets used for collecting the sewage and bringing it up by gravity to the basin. This collecting system is divided into several contracts. These contracts will be taken up separately.

Tunnel Section.

This section was partly completed in 1902, the contractors being the C. H. Eglee Company. Work continued on this section practically without interruption until June 19, 1903, when the section was completed. This included the work through Humphrey street and all of the concrete sewer up to the foot of New Ocean street. It will be recalled that this Tunnel Section is the main outlet for the western part of the Town, embracing the low territory lying along the Lynn line and the Mudge and Stetson properties. It furnishes an outlet for this section through to the receiving basin, and does away with any pumping in this western district. As has been previously pointed out, this does away with any disagreeable feature of storage of sewage in a thickly settled portion of the Town.

The concrete sewage is oval or egg shaped in form, the upper portion being 30 inches high by 20 inches in width. This size continues from New Ocean street through to a point on Humphrey street, opposite Greenwood avenue. From this point at Greenwood avenue to the entrance of the receiving basin on Humphrey street the size of the sewer is 36 inches by 24 inches. The connection to the receiving basin is 36 inches in diameter and circular in form. The portion of this which was built in tunnel is from Monument square through to Greenwood avenue on Humphrey street, a distance of about 1,818 feet. The tunnel section runs in straight lines with two angles in its course. One angle is at the summit on Humphrey street, opposite the Millett residence, and one further towards the receiving basin opposite the Foster residence. At these points shafts or chimneys extend from the surface down to the tunnel proper. At the Millett residence the depth of the tunnel below the street surface is 34 feet, and at the Foster residence is 24 feet.

The tunnel work to a large degree was in rock excavation and was carried forward without intermission until about February 18, 1903. Construction of the sewer in this excavation was then begun. Upon completion of the work the sewer was tested for smoothness and leaks, and a very satisfactory condition was found to exist. The size of the sewer was such that a man could enter and make any repairs necessary, and this greatly facilitated operations. If in the future any difficulties occur, this feature will be of material benefit in making repairs.

A local sewer has been laid in Humphrey street above this tunnel to connect the houses and buildings along the line. The purpose of this local sewer being to render it unnecessary to dig down to meet the tunnel line proper for each house connection. These local sewers lead into the tunnel at various points. The contract for the tunnel section included these local sewers as well as the deeper portions of the tunnel proper.

Street Mains Under Section 4.

The sewers constructed under what is known as "Section 4" embrace the following streets:

Street.	From.	To.
Blaney St.,	Redington St.	Humphrey St.
Burrill St.,	Humphrey St.	Claremont St.
Lincoln House Ave.,	Orient St.	Lincoln House Ave.
Orient St.,	Humphrey St.	Orient Court.
Orient St.,	Orient Court	Pass. to Beach.
Tuttle's Lane.		
Orient Court,	Humphrey St.	Orient St.
Redington St.,	Humphrey St.	Rockland St.
Rockland St.,	Redington St.	Rose St.
Rose St.,	Rockland St.	Blaney St.
Woodbine Ave.,	Orient St.	Orient St.

The contract was practically completed in 1902 by Michael McDonough, contractor for this section. Mr. McDonough fully completed his work on this contract on June 4, 1903, after resumption of work in the spring of 1903, the work done in 1903 being largely on Orient street.

Street Mains Section 5.

This work was done under a contract with F. D. Mayo of Lynn, Mass. A portion of this work was done in 1902, as has been shown in the previous report. Mr. Mayo continued his work in 1903 and completed the original work laid out in this section August 24, 1903, which was on the following streets:

Street.	From.	To.
Andrew Rd.,	Paradise Rd.	Thomas Rd.
Berkshire St.,	Middlesex Ave.	Paradise Rd.
Boynton St.,	Burrill St.	Pine St.
Burrill St.,	Railroad Ave.	Paradise Rd.
Burrill St.,	Paradise Rd.	New Ocean St.
Burrill St.,	New Ocean St.	Claremont Ter.
Elmwood Rd.,	Paradise Rd.	Thomas Rd.
Hampden St.,	Middlesex Ave.	Berkshire St.
Middlesex Ave.,	Burrill St.	Norfolk Ave.

Middlesex Ave.,	Norfolk Ave.	Hampden St.
New Ocean St.,	Burrill St.	Pine St.
New Ocean St.,	Pine St.	Cross Line.
Norfolk Ave.,	Paradise Rd.	Stetson Ave.
Paradise Rd.,	Burrill St.	Norfolk Ave.
Paradise Rd.,	Norfolk Ave.	Shaw Rd.
Paradise Rd.,	Shaw Rd.	Ellis Rd.
Pine St.,	Railroad Ave.	New Ocean St.
Railroad Ave.,	Pine St.	Burrill St.
Shaw Rd.,	Paradise Rd.	Thomas Rd.
Stetson Ave.,	Norfolk Ave.	Franklin Ave.
Stetson Ave.,	Franklin Ave.	Essex St.
Thomas Rd.,	Elmwood Rd.	Shaw Rd.
Thomas Rd.,	Shaw Rd.	Walker Rd.

The Town having voted at its meeting on March 17, 1903, to further extend the system on Ellis road, from Paradise road to Farragut road; on Farragut road, from Grant road to Andrew road; on Elmwood road, from Thomas road to a point above Hardy road, and on Norfolk avenue and Stetson avenue to a point near Mrs. H. L. White's house, this work was also undertaken by Mr. Mayo this year. Mr. Mayo's contract provided that the lengths of sewer as set forth could be increased 25 per cent. over the original amount set forth in the specifications, if the Sewer Commissioners so desired, during the continuance of his work on the contract, and this extension work was done under this provision and at the same prices given in his contract. The work on these extensions was completed by Mr. Mayo, November 20, 1903.

In connection with Mr. Mayo's work a considerable number of permanent underdrains were laid, these underdrains being provided for the purpose of connecting wet cellars with a drain sufficient and satisfactory to carry off such drainage to a suitable place. These underdrains have been laid on the following streets:

Street.	From.	To.
Andrew Rd.,	Paradise Rd.	Thomas Rd.
Berkshire St.,	Paradise Rd.	Middlesex Ave.
Burrill St.,	New Ocean St.	Railroad Ave.
Elmwood Rd.,	Paradise Rd.	Hardy Rd.
Hampden St.,	Berkshire St.	Middlesex Ave.
Middlesex Ave.,	Hampden St.	Burrill St.
New Ocean St.,	Stacey Brook	Burrill St.
Norfolk Ave.,	Paradise Rd.	Stetson Ave.
Shaw Rd.,	Thomas Rd.	Paradise Rd.
Stetson Ave.,	Norfolk Ave.	Essex St.
Thomas Rd.,	Elmwood Rd.	Farragut Rd.
Ellis Rd.,	Paradise Rd.	Farragut Rd.
Farragut Rd.	Ellis Rd.	Grant Rd.

These give a total length of 2½ miles of permanent underdrains. These underdrains all empty into King Brook on New Ocean street. With proper care and trapping, and provisions so that no foreign matter shall be introduced, these underdrains are fully competent to give the much-needed relief to this section by permitting dry cellars. The depth at which this underdrain is laid is sufficient to drain this entire territory, and it will to a large degree drain the surrounding soil, although no surface or subsoil drains other than those which are directly connected with the cellars should be permitted to drain into this underdrain, as it might otherwise be so burdened as to fail to perform its duties in a satisfactory manner.

These three sections, termed Sections 3, 4 and 5, constitute all the sewers which have been at the present time voted upon by the Town for construction. Future extensions will be laid to connect with these various sewers, which constitute the larger mains of the system.

Particular Sewers and Connecting Drains.

The Town at its Town Meeting on March 17, 1903, determined by vote that it would seek legislation allowing it to put in sewer connections and drains within the street limits at the

Town's expense in the first instance and by means of a special assessment make a charge of the cost of these connections to the owners benefited. An Act was obtained by your Board from the Legislature, which is Chapter 401 of the Acts of 1903. The Act was approved May 9, 1903, and was accepted by the Town at the Town Meeting held July 22, 1903. At this same meeting provision was made whereby the necessary expense of putting in these connections within the street limits was to be paid for, in the first instance by the Town, and the assessment as provided for in the enactment could be made. In accordance with these provisions and the Town's action, a contract was entered into with Messrs. Lyons & Mather of Swampscott, Mass., on September 8, 1903, such contract being awarded after due advertising and receiving of proposals. The proposals which were received were as follows:

Lyons & Mather, Swampscott,	Mass.,		$7,277 50
Edward B. Roberts,	"	"	8,000 00
M. McDonough,	"	"	8,640 00
C. E. Trumbull Co., Boston,		"	10,130 00
F. D. Mayo, Lynn,		"	10,725 00
F. A. Snow, Boston,		"	10,950 00
D. A. Lynch, "		"	15,825 00

Lyons & Mather being the lowest bidders, the contract was awarded to them, as is before stated. Work was begun under this contract on September 18, 1903, and completed on December 8, 1903. This contract required that all material, including pipe and fittings for the work, must be provided by the contractor, as well as all labor employed in prosecution of the work. Under this contract 463 connections for particular sewers were made and 103 connections with the permanent underdrains.

The enactment and vote of the Town provided that an assessment should be made for a sewer connection and for an underdrain separately, such assessments to be the average cost per foot under these various headings. The following is the statement of cost of the particular sewers, the average cost per foot being $0.57. The list of assessments under this vote has been prepared on this basis and is in the hands of your Board.

Statement Showing Computation of Average Cost Per Foot of Particular Sewers Laid on Assessment Section 1, in 1903.

5-inch Particular Sewer, vitrified pipe laid, 11,594.7 feet, at $0.44	$5,101 67
5-inch particular sewer, cast-iron pipe laid, 318 feet at $1.00	318 00
6-inch particular sewer, vitrified pipe laid, 77.2 feet at $0.50	38 60
8-inch particular sewer, vitrified pipe laid, 23.5 feet at $0.70	16 45
Rock excavation on particular sewers, 158.25 cubic yards at $3.00	474 75
Portland cement concrete on particular sewers, 40.00 cubic yards at $6.00	240 00
Refill on particular sewers, 4.50 cubic yards at $1.00	4 50
Extra work on chimneys and Andrew road connection	19 75
Total cost on contract	$6,213 72
Iron pipe from Philbrick & Pope on Elmwood rd.,	15 40
Advertising	11 07
Engineering and inspection	539 87
Clerical work, etc.	67 57
Total cost	$6,847 63

Total length of particular sewers laid, 12,013.4 feet.

Average cost per foot, 57 cents.

Total number of particular sewers laid, 465.

In connection with the underdrains the following is the statement of the cost of the underdrains, showing an average cost per foot of $0.17. Similar tables and assessments have been prepared for these underdrains, as in the cost of the particular sewers, and are also in the hands of your Board.

Statement Showing Computation of Average Cost Per Foot of Connecting Drains Laid on Assessment, Section 1, in 1903.

4-inch connecting drains, vitrified pipe laid, 2,700.2 feet, at 11½c.	$310 52
4-inch connecting drains, cast-iron pipe laid, 20 feet, at 50c.	10 00
5-inch connecting drains, vitrified pipe laid, 37 feet, at 30c.	11 10
Rock excavation on connecting drains, 2 cubic yards, at $3.00	6 00
Portland cement concrete on connecting drains, 10.6 cubic yards, at $6.00	63 60
Refill on connecting drains, 1.5 cubic yards, at $1.00	1 50
Total cost on contract	$402 72
Engineering and inspection	34 84
Clerical work, etc.	4 69
Total cost	$441 15

Total length of connecting drains laid, 2,757.2 feet. Average cost per foot, 16 cents. Total number of connecting drains laid, 103.

Norfolk Avenue Drain.

The repairs on Norfolk avenue drain as shown in the report presented to you last year, were practically completed at that time. A small amount of work has been done this season, as was necessary in resurfacing and smoothing Paradise road, and a few incidental charges in relation to the removing of pipe and material. The cost of Norfolk avenue drain, as shown elsewhere in this report, for repairs, etc., is $3,377.74. There remains in the hands of the Sewer Commissioners pipe to the value of $174.37. This pipe will be of material advantage to the Town in construction of drains in the future, but will probably not be of special value to the Sewer Department. The

Town, at its Town Meeting on March 17, 1903, appropriated $3,000 for expenses on the repair of Norfolk avenue drain, as done by the Sewer Commissioners. As will be seen by reference to the financial statement, a small amount still remains as yet unprovided for by the Town on this drain repair, by any appropriation. It would seem that the best method of adjusting this matter would be to pay to the Sewer Department this excess expenditure of $377.74 and have the Town reserve the material remaining from this work for the use of the Street Department.

Assessments.

The original Swampscott Sewer Act, which is Chap. 86 of 1902, provided that an assessment would be levied on all properties abutting on a sewered street or way, and fixed the amount of this assessment as $0.25 cents per running foot of frontage and $0.003 per square foot of area, running back 125 feet from such sewered street or way. In accordance with this provision, surveys, maps and plans have been made of all streets and properties liable to such an assessment, and a complete list with the amount of the assessment has been furnished to your Board. These maps, plans and assessment data are on file at your office and can be examined by any one who has a desire to ascertain any special assessment. In conformance with the Act your Board issued on January 1, 1904, an assessment levy to the Tax Collector and these assessments are now before the Town. In future extensions it will be necessary to go through with the same process with regard to assessments.

The special assessments in relation to particular sewers and connecting drains have already been referred to under this heading. These assessments can be levied at any time that your Board think desirable and the proceeds from these assessments are to be applied to the indebtedness incurred by the Town in putting in these particular sewers and connecting drains. As in the assessment on the streets, it will be necessary to repeat this process of assesment for particular sewers and connecting drains as often as this work is done.

Financial Tables.

The financial tables which are given here show the complete cost of all the work which has been done in the process of construction up to the first of February, 1904. For the purpose of showing the exact cost of each part of the system, the amounts of money which have been expended on each particular portion are shown in this statement in detail and as an aggregate. This aggregate includes the material, labor, engineering services and other features which enter into the cost of the work. The tables which are shown in your Commissioners' report show to whom this money has been paid and this is not, therefore, repeated in this statement, for the sake of brevity.

In connection with the costs of the collecting system, each street is shown separately, with an approximate cost per foot, this being done for the purpose of showing the cost of sewers in the various sections. These costs are largely affected by the character of the material which is encountered, such as rock excavation, by the sizes and construction of the sewer put in, whether a large or small pipe sewer or concrete construction, the depth of excavation and other features which are peculiar to the particular locality. These costs will, however, form a basis on which the cost of extensions may be, to a considerable degree, estimated by comparing like conditions and sizes. There is always, however, an unknown quantity which enters into the making up of the statement, and that is the cost of material and labor at the time that the construction is to be undertaken. During the last two years you have seen marked fluctuations in these prices, and it is impossible to predict what the situation will be at any given time. It is, however, usually possible to state what the cost of sewer construction will be in a season just commenced, unless unusual conditions occur, such as existed in 1902, when the prices were largely increased in a very short time. The tables given below show these cost items.

Outfall Sewer.

SECTION 1

Cost of 18-inch cast-iron pipe	$7,481 12
Cost of labor under contract	12.880 03
	$20,361 15
Engineering and supervision	1,761 56
Total cost	$22,122 71

Force Main.

SECTION 2.

Cost of 18-inch cast-iron pipe	$4,577 07
Cost of labor under contract	3,618 41
	$8,195 48
Engineering and supervision	709 03
Total cost	$8,904 51

Receiving Basin.

COST OF MATERIAL FURNISHED BY TOWN.

Cement	$5,277 62
Screens, pipe and fittings	660 09
Cost of labor under contract	14,753 97
	$20,691 68
Engineering and supervision	1,790 13
Total cost	$22,481 81

Pumping Station.

Cost of labor and material under contract . .	$6,427 84
Engineering and supervision	556 48
	$6,984 32

Pumping Plant.

Cost of material and labor under contract . .	$7,026 14
Engineering and supervision	607 86
Total cost	$7,634 00

Pumping Station Lot and Grading.

Cost of pumping station lot	$600 00
Cost of grading and filling	453 45
Engineering and supervision	91 18
Total cost	$1,144 63

Particular Sewers and Connecting Drains.

Cost of labor and material	$6,642 41
Engineering and supervision	574 66
Total cost	$7,217 07

Norfolk Avenue Drain.

Cost of labor and material	$3,108 63
Engineering and supervision	269 11
Total cost	$3,377 74
Value of material on hand unused in Norfolk avenue drain	$117 00
Value of pipe excavated from Norfolk avenue drain	57 37
Total value of material on hand	$174 37

Administration.

Administration charges including legal expenses, clerk hire, advertising, etc.	$827 10
Land damages and easements	598 40
	$1,425 50
Furniture and fixtures	256 15
	$1,681 65
Engineering and supervision	145 55
Total cost	$1,827 20

Material in Yard.

Value of pipe in yard, from Portland Stone Ware Co.	$575 62
Value of material on hand transferred from Norfolk avenue drain	174 37
Value of manhole iron work on hand	66 84
Total	$816 83
Engineering and inspection	70 66
	$887 49

Collecting System.

Cost of collecting system as shown by table of street costs	$135,691 74
Cost of miscellaneous items, such as cleaning brook, stacking pipe in yard, etc., which cannot be directly charged to streets	197 28
	$135,889 02

Summary.

Outfall sewer	$22,122 71
Force main	8,904 51
Receiving basin	22,481 81
Pumping station	6,984 32
Pumping plant	7,634 00
Pumping station lot and grading	1,144 63
Particular sewers and connecting drains	7,217 07
Norfolk avenue drain	3,377 74
Administration	1,827 20
Material in yard	887 49
Collecting system	135,889 02
	$218,470 50

COLLECTING SYSTEM.

Statement of Cost of Sewers Built to February 1, 1904, by Streets.

SECTION 3.

			SEWER.		UNDERDRAIN.						
Street.	From	To	Size. Ins.	Length. Ft.	Size. Ins.	Length. Ft.	Rock.	M.H.	F. M. H.	Cost.	Cost per ft.
Connection to Basin	Humphrey St. .	Receiving Basin	36	81.3	....	.....	.....	...	....	$576 88	$7 11
Humphrey St. . .	Basin Connection	Cross Line . . .	24x36	2,847.6	....	.....	421.5	11	....	23,398 27	8 21
Humphrey St. . .	Ingalls Ter. . .	Burrill St. . . .	20x30	1,818.0	....	.....	162.9	4	....	44,437 75	24 44
Tunnel Humphrey St. .	Ingalls Ter. . .	Burrill St. . . .	8	1,753.0	5	730.0	356.7	7	2	5,369 02	3 28
House Sewer, Cross Line	Humphrey St. .	New Ocean St. .	20x30	638.0	....	.....	.....	2	....	4,680 75	7 33

SECTION 4.

Blaney St. . . .	Humphrey St. .	Redington St. .	8	669.0	....	.....	14.0	2	1	889 23	1.33
Rose St.	Blaney St. . . .	Rockland St. . .	8	222.0	....	.....	27.0	1	....	388 31	1.75
Redington St. . .	Humphrey St. .	Rockland St. . .	8	598.0	....	.....	36.0	3	....	945 36	1.53
Rockland St. . .	Redington St. .	Rose St. . . .	8	246.5	....	.....	157.0	...	1	1,013 23	4.12
Tuttle Lane . . .	Humphrey St. .	Orient Ct. . . .	12	341.5	....	.....	.....	1	....	1,112 26	3.26
Burrill St. . . .	Humphrey St. .	Claremont Ter. .	8	724.5	....	.....	.....	3	1	996 23	1.37
Orient Ct.	Tuttle Lane . .	Orient St. . . .	12	382.5	....	.....	.....	2	....	1,545 49	4.04
Woodbine Ave. .	Orient St. . . .	Orient St. . . .	8	477.0	....	.....	94.0	...	1	998 10	2.10
Orient St.	Humphrey St. .	Farrar's	10–8	3,605.7	....	.....	240.2	21	1	8,470 87	2.35

COLLECTING SYSTEM.

Statement of Cost of Sewers Built to February 1, 1904, by Streets.

SECTION 5.

Street.	From	To	Sewer. Size. Ins.	Sewer. Length Ft.	Underdrain. Size Ins.	Underdrain. Length Ft.	Rock.	M.H.	M. F. H.	Cost.	Cost per ft.
Andrew Rd. . . .	Paradise Rd. . .	Thomas Rd. . .	8	535.6	4	535.6	. . . . .	2	1	$698 69	$1 30
Berkshire St. . .	Paradise Rd. . .	Middlesex Ave. .	8	654.0	8	654.0	. . . . .	2	1	1,245 74	1 90
Boynton St. . . .	Pine St. . . .	Burrill St. . . .	8	268.5	. . . .	. . . . .	. . . . .	. . .	1	334 35	1 24
Burrill St.	Railroad Ave. .	Claremont Ter. .	20–12	1,690.3	15–12	1,126.0	22.0	7	1	6,366 68	3 76
Elmwood Rd. . .	Paradise Rd. . .	Thomas Rd. . .	8	399.0	6	399.0	. . . . .	3	. . . .	656 71	1 64
Hampden St. . .	Berkshire St. . .	Middlesex Ave. .	8	815.3	8	815.3	. . . . .	3	. . . .	1,331 57	1 63
Middlesex Ave. .	Hampden St. . .	Burrill St. . . .	8	1,116.1	8–6-4	1,094.0	. . . . .	2	3	2,040 12	1 82
New Ocean St. . .	Cross Line . . .	Burrill St. . . .	24–20	728 5	15	728.5	292.7	4	. . . .	1,486 17	6 43
Norfolk Ave. . .	Paradise Rd. . .	Stetson Ave. . .	12	1,642.7	10	1,642.7	. . . . .	6	. . . .	5,698 09	3 47
Paradise Rd. . .	Burrill St. . . .	Ellis Rd. . . .	18–15–12	1,543.0	15–12	1,543.0	. . . . .	6	. . . .	4,647 26	3 01
Pine St.	New Ocean St. .	Railroad Ave. .	8	1,274.0	. . . .	. . . . .	. . . . .	6	1	1,387 61	1 09
Railroad Ave. . .	Burrill St. . . .	Pine St.	8	376.1	. . . .	. . . . .	. . . . .	1	1	399 11	1 06
Shaw Rd.	Paradise Rd. . .	Thomas Rd. . .	10	426.0	8	426.0	. . . . .	1	. . . .	736 14	1 72
Stetson Ave. . . .	Norfolk Ave. . .	Essex St. . . .	10–12	2,372.1	10–8	2,372.1	23.9	10	. . . .	4,765 24	2 00
Thomas Rd. . . .	Elmwood Rd. .	Monument Ave. .	8–10	506.9	8–6	439.5	. . . . .	4	1	955 62	1 88

EXTENSIONS.

Ellis Rd.	Paradise Rd. . .	Farragut Rd. . .	8	308.6	8	308.6	33.2	. . .	. . . .	724 25	2 35
Elmwood Rd. . .	Thomas Rd. . .	Summit. . . .	8	363.7	6	215.2	1.5	1	1	449 08	1 23
Farragut Rd. . .	Thomas Rd. . .	Grant Rd. . . .	8	1,000.0	8	333.0	269.4	5	2	2,763 37	2 76
Norfolk Ave. . .	Stetson Ave. . .	Summit	6	200.6	. . . .	32.3	. . . . .	. . .	1	338 89	1 69
Thomas Rd. . . .	Andrew Rd. . .	Farragut Rd. . .	8	155.0	8	155.0	. . . . .	1	. . . .	244 30	1 56
Total	. . . . .	. . . . .	. . . .	. . . . .	. . . .	. . . . .	. . . . .	. . .	. . . .	$135,691 74	

Extensions.

No extensions of the system have been brought to my attention by your Board except the possibility of connecting the Phillips School building with the sewerage system. This school is situated practically on a ledge and it is with great difficulty that any proper place for the disposal of the drainage can be found. There are many ways in which this drainage can be brought into the system, and the best way of making this connection depends to some degree as to what will be the amount of sewer constructed at the time when this connection from the school be actually made. The original plan which embraced the whole Town provided that the sewerage from this school-house should pass down Greenwood avenue to King street, to Highland, through Highland to Redington, through Redington to Sheridan road, through Sheridan road to Monument avenue, thence by Monument avenue and Walker road to Thomas road, bringing it into the western section or the Mudge district. To provide a sewer through this territory for the purpose of draining the Phillips School alone would be inadvisable unless there was a great demand and necessity for such a sewer for other buildings and dwellings along this route. Were the Phillips School alone to be drained at the present time, the best route for the sewer is down Greenwood avenue until it enters Humphrey street and the present sewer, at that point. This would be the shortest and most direct route and the least expensive. I find by careful investigation that the cost of this would be about $4,200.00. Were it, therefore, desired to connect the Phillips School, I should recommend the construction of the sewer by Greenwood avenue route, if it be done in the immediate future. Other extensions will no doubt be brought to your Board from time to time, and it will be necessary to determine the approximate cost to the Town.

Operation and Maintenance of the System.

Reference has been made in regard to the operation of the pumping machinery under the head of pumping plant. The operation of this plant involves the cost of the Engineer, fuel

and supplies, such as oil, waste and other items. This matter will practically take care of itself and there is no necessity at this time of saying anything further in regard to it than has been said under the head of pumping plant.

In the care and operation of the collecting system your board already has a superintendent, and he can, by proper arrangement, employ such labor and help as may be necessary for him to take care of the system. There should be at least twice a year, a careful examination of the entire system. These examinations should take place in the spring and in the fall. At such times the sewers are flushed and cleaned, if cleaning be necessary, any material which may have collected in the sewers being removed as soon as possible. This method of semi-annually cleaning is much the same as the cleaning of your streets, which is undertaken at these times of the year. When it is desired to flush at a special manhole, this can be done by a fire hose led from the nearest hydrant. Outside of these two general cleanings, there will from time to time be required certain special attention at various points in the system due to a possible obstruction by foreign matter being introduced into the sewer and the possibility also of a large amount of surface water reaching the sewer at times of unusual rain fall or melting snow. If there be special points at which this introduction of surface water comes in to a large degree, I recommend that the ventilating holes be closed in the manholes by means of the ordinary wrought iron screw plug. The manhole cover fits so tightly that outside of these ventilating holes comparatively little water enters the sewer.

Conclusions and Recommendations.

The system which has been installed in the last two years has been in accordance with the report made to your Town by me in 1901. It embraces the essential features of the system therein recommended in regard to the outfall at Dread Ledge, the receiving basin, with one central pumping plant for the entire Town, and the western and central section main sewers. A substantial start has been made on the collecting mains through the streets,

but from time to time extensions will be made necessary by demands from various portions of the Town. A sewerage system is never fully completed until it covers the entire Town. There is a large portion of your Town which has yet no immediate need of sewerage. The question of this need will be brought to the attention of the Town, as this part may be more closely built up and populated. There are to-day, however, a number of sections in the Town which will shortly demand attention. That portion of the Town which lies westerly of the Boston & Maine Railroad, and adjacent to the Lynn line, will shortly demand attention in regard to its drainage. This section will not be of especially low cost on account of the large amount of ledge which is found in this vicinity. The fact, however, that this ledge does exist makes the necessity for drainage all the more urgent. The present method of drainage into cesspools, which permits the more fluid portion of the sewage to soak into the ground, are inoperative in this case, as there is no opportunity for such a soakage into the ground, the ledge forming a complete barrier, and the sewage escapes over the surface, causing a nuisance, and at times, a menace to health.

At some future time the higher portions of the Mudge estate, so called, above Monument avenue will also require attention.

The eastern portion of the Town I believe is at the present time well taken care of by the soil found therein, with perhaps one exception. The conditions which surround the Preston Hotel appear to me to be such that at some time in the immediate future some recognition of this condition must be taken by the Town. It will be recalled that during the earlier study of a system for this section it was suggested by me that an individual outlet be placed near this point which would provide for the drainage of a portion of the Town of Swampscott and a portion of the Town of Marblehead, this territory being that which drains into the brook which leads into the Atlantic ocean at this point. This plan met with opposition from the Town of Marblehead, and in view of this opposition and after consideration with the State Board of Health, this small territory which could not be drained by gravity through to the central portion

without great expense was provided for by having a small collecting basin situated at the lowest point and pumping the sewage back into the main collecting system and basin, as constructed on Humphrey street. Under the present plans this would be required. During the last two years, however, the Town of Marblehead has had under consideration a system of sewerage and has been studying the situation with regard to disposal of sewage from all portions of Marblehead. While I am not familiar with the results of this investigation at any great degree, I believe that there still may be a possibility of uniting with Marblehead in a comparatively small, individual, local outfall near the Hotel Preston, as first recommended by me. I believe that the Town of Marblehead can see a possible distinct advantage to them in thus uniting with the Town of Swampscott in having a common outlet at this point for a limited territory in each township. I would respectfully suggest that in event of requirements for sewerage in this immediate vicinity a conference be had with the Marblehead authorities to see if there would be any objection to thus uniting. My reason for making this suggestion is that by this means local storage and possible nuisance thereby can be prevented, while the cost and care required in maintaining an independent pumping plant at this point would be avoided. If economy in this respect can be obtained for both towns, it would appear to be a wise matter for both towns to consider the advantages as well as the objections to such a limited co-operation.

In regard to extensions of the system and raising of monies necessary to pay for the cost of these extensions, there is one feature which may be borne in mind. The Town has coming in during the next ten years a certain sum of money from the assessments which have been levied on frontage and area. The sewer act provides that this money can, by vote of the Town, be used in one of two ways: first, for the extinguishment of the debt, and second, for extensions to the system. Should it be considered desirable to extend the system during this ten years I should recommend that the cost of these extensions be taken, so far as possible, from the returns from this sewer assessment.

n this manner the indebtedness of the Town is not increased and its financial standing is not affected. This method of payment for extensions is quite universal in various cities and towns which operate under similar provisions.

It is a matter of congratulation that during the construction, which has been carried on for two years, there has been but one case for litigation or recourse to the courts, which is unfortunately too common in municipal enterprises of this kind. With the exception of two lots, the land damages have been amicably adjusted and paid. In these two lots a commission has been agreed upon, who are to report what seems in their opinion is an adequate compensation for the rights required for the sewer in crossing these lands. This proceeding does not make the question the subject for litigation at present, and it is presumed that these matters will be soon adjusted.

During the last season, as during 1902, the work at Swampscott has been under the immediate charge of Mr. Edward B. Roberts, as resident engineer. The assistants who have been connected with Mr. Roberts on this work during the year 1903 have been Abram French, Frank A. Gannett, D. Frank Crowley, John Cunliffe, Jr., and Henry Manley, Jr. These assistants have been in immediate charge of various parts of the work and have faithfully performed their duties.

I desire especially to express my thanks to your Board for the universal courtesy and attention which I have had from you in all my dealings, and to say that this attention has been of great service to me in performing my duties.

In addition to this report there has been transmitted to your Board from time to time the following plans and statements:

First, a set of plans showing all sewered streets and properties thereon, with frontages and areas for assessments. This set of plans is termed the Assessment Plans. Accompanying these plans there has also been transmitted an alphabetical list of all property owners, with frontage sand areas assessed in accordance with your sewer enactment.

Second, a set of plans called Location Plans, which show all sewered streets in plan and profile. These sheets show all

sewers which have been constructed in these streets, the location of all manholes, branches and appurtenances, the depth of sewer below the street, the quality of material encountered, the location of pipes and other underground structures which were met with during the progress of the work. These plans are a record of all the sewer construction which has been accomplished to date. They should be carefully preserved as they form a record of considerable value to the Town apart and separate from the sewer construction. In many cases these plans have in other localities been of special value in locating drains, water and gas pipes and other underground structures which have no other definite location accessible.

In connection with these sewer location plans there are provided in the same manner, plans of the permanent underdrains with the same features indicated thereon as is provided in the sewers.

Third, Location Books, showing the location of each particular sewer, as put in from the street main sewer to individual properties, have also been furnished your Board, together with lists and assessment data for these particular sewers.

Fourth, the location of connecting drains are also provided in Location Books, with lists for assessment and assessment charges, as for particular sewers. A list of the pipe and stock on hand in the water works yard with its market value is appended.

With these plans, Location Books and assessment data you have a complete list and record of all your underground work.

Respectfully submitted,

E. WORTHINGTON.

Engineer.

AUDITORS' REPORT

AUDITORS' REPORT.

Selectmen's Department.

Appropriation	$5,500 00	
Receipts	177 29	
Amount overdrawn	55 11	
		$5,732 40
Amount of expenditures . . .		$5,732 40

EXPENDITURES.

SALARIES.

Andrews, Isaac H., assessor . . .	$335 00
Ashton, H. F., auditor	75 00
Bassett, Joseph M., chairman board of selectmen	300 00
Brackett, T. W., town weigher . .	20 00
Cahoon, L. Frank, auditor . . .	75 00
Delano, C. B. selectman . . .	200 00
Delano, Gilbert, assessor . . .	335 00
Earp, John B., chairman board of auditors, ...	100 00
Lyons, James T., inspector cattle, provisions, etc.	100 00
Haley, Michael, sealer weights and measures	35 00
Honors, Benjamin O., treasurer . .	400 00
Maxfield, E. A., assessor . . .	285 00
Amount carried forward,	$2,260 00

SELECTMEN'S DEPARTMENT.

Amount brought forward,	$2,260 00
Millett, D. H., estate of, assessor . .	400 00
Niles, William H., Town counsel . .	200 00
Nisbett, J. E. O., milk inspector . .	25 00
Olsen, Andrew, registrar . . .	52 50
Porter, Milton D., town clerk . .	100 00
" " clerk board registrars,	45 00
Quinn, Martin L., selectman . .	200 00
Rowell, Charles G., selectmen's clerk .	200 00
Till, George T., tax collector . .	400 00
Webster, George C., registrar . .	35 00
	$3,917 50

Expenses Town Election, March, 16, 1903.

Thomas, Edward H., moderator . .	$25 00
Pay roll, election officers . . .	49 00
Crowell, Joseph F., refreshments . .	45 00
	$119 00

Expenses State Election Nov. 3, 1903.

Pay roll, election officers . . .	$42 00
Schlehuber, A., catering . . .	40 00
	$82 00

MISCELLANEOUS.

American Express Co.	$2 10
Andrews, Isaac H., expenses as assessor,	7 73
Bassett, Jos. M., expenses . . .	9 60
Bartol, Harold H., services with assessors,	6 00
Bauer, R. S., printing	1 50
Amount carried forward,	$26 93

SELECTMEN'S DEPARTMENT.

Amount brought forward,	$26 93
Bean, Harriet L., typewriting . .	1 75
Bicknell, R. E., M. D., reporting births,	2 25
Blaney, E. G., flowers	5 00
Bowen, Alfred, P., M.D., reporting births,	75
Carroll, Charles W., carriage hire .	1 50
Carroll, Wm. H., carriage hire . .	1 50
Carter's Ink Co., supplies . . .	2 50
Chapman, John, estate, storage for hand tub	12 00
Crowell, Jos. F., refreshments for registrars	9 00
Delano, C. B., expenses Superior court .	24 80
Delano, Gilbert, supplies for assessors and expenses	53 00
Delano, L. A., teaming . . .	5 25
Earp, William G., supplies . . .	51 65
Eastman, F. H., surveying . . .	17 00
Evans & Cole, carriage hire . . .	35 50
Fairbanks, J. L. & Co., supplies . .	21 00
Gannon, D. J., distributing reports with team	5 50
Gilmour & Cooledge, Treasurer's bond .	50 00
Gilley, Richard, posting warrants and serving notices	35 00
Gordon, Hiram W., supplies . .	10 15
Grow, T. R., M. D., reporting births .	75
Harris, Arthur E., M.D., reporting births,	1 00
Hamilton, Wm. A., Tax Collector's bond,	25 00
Haley, Michael, distributing reports and sealing jars	39 00
Hastings & Sons Publishing Co., advertising	12 90
Honors, B. O., expenses . . .	27 00
Howe, O. R., supplies . . .	1 06
Amount carried forward,	$478 74

SELECTMEN'S DEPARTMENT.

Amount brought forward,	$478 74
Holden, George H. & Co., supplies	35
Hunt, A. F., M. D., reporting births	1 00
Jackson, Lambert, supplies	14 50
Jeffers, Charles P., supplies	1 96
King, George F. & Co., supplies	44 75
Knowlton, D. F., services on Citizens Committee	3 50
Knowlton, D. F., labor	1 00
Langmaid, C. H. expressing	5 70
Lampard, G. H., painting sign	2 25
Little, Brown & Co., supplies	4 00
Maxfield, E. A., supplies and expenses	18 50
Millett, D. H. estate of, expenses	15 25
National Engraving Co., halftones	4 70
Nichols, T. P., printing	28 00
Nichols, G. H. & A. L., printing	80 50
Nies, Martin E., services as moderator	5 00
Niles, William H., legal services	65 00
Parsons, Starr, legal services	105 07
Pedrick, H. J., distributing reports	3 00
Porter, M. D., supplies and expenses	18 10
Porter, M.D., recording births, marriages and deaths	82 65
Quinn, Martin L, expenses	8 50
Reed, B. F., distributing reports	8 00
Review & Record Co., subscription	10 00
Rich, Benjamin F., distributing reports with team	5 50
Richardson, W. A., distributing reports,	3 00
Roberts, S. E., supplies	1 34
Rowell, C. G., witnessing documents and expenses	33 55
Amount carried forward,	$1,053 41

SELECTMEN'S DEPARTMENT.

Amount brought forward,	$1,053 41
Roberts, Daniel, estate, land rent for hay scales (2 years)	24 00
Schlehuber, A., refreshments for assessors and registrars	11 39
Selman, W. G. carriage hire	10 00
Smart, Stephen, insurance	9 00
Spinney, George F., distributing reports,	3 00
Stocker, S. M., distributing reports with team	5 50
Stoll, Lilla D., searching records	27 75
Till, George T., expenses	10 35
Townsend, George W., divers services and expenses	27 00
Ulman, I. A., use of office for registrars,	2 00
Whitten & Cass, printing	427 50
Wiley, Edwin F., distributing reports	3 00
	$1,613 90

RECAPITULATION.

Salaries	$3,917 50
Expenses Town election, March 16, 1903,	119 00
Expenses State election, Nov. 3, 1903	82 00
Miscellaneous	1,613 90
	$5,732 40

RECEIPTS.

Milk inspector	$10 50
Porter, M. D., licenses	99 00
Sealer of weights and measures	17 79
Stratton, F. B., reimbursement	50 00
	$177 29

School Department.

Appropriation . .	$23,500 00	
Reimbursements . .	42 25	
		$23,542 25
Amount of expenditures	$23,489 90	
Balance unexpended .	53 35	
		$23,542 25

EXPENDITURES.

SALARIES.

1903.	
March	$1,206 31
April	1,206 31
May	1,206 31
June	2,470 96
July	22 50
August.	225 00
September	2,166 35
October	1,247 56
November	1,239 23
December	1,240 22
1904.	
January	1,243 40
February	1,275 57
	$14,749 72

JANITORS.

1903.	
March	$142 52
April	142 52
May	142 52
June	285 04
Amount carried forward,	$712 60

SCHOOL DEPARTMENT.

Amount brought forward,	$712 60
August	137 65
September	155 86
October	156 70
November	157 63
December	156 36
1904.	
January	156 36
February	158 40
	$1,791 56

FUEL.

Honors, B. O. & Son	$2,654 36

MISCELLANEOUS.

American Book Co., books	$223 76
American Express Co., expressing	4 35
Allyn & Bacon, books	82 53
Appleton, D. & Co., books	6 19
Babb, Edward E. & Co., books	219 40
Boston School Supply Co., supplies	9 73
Brewster, Quincy E., binding	20 69
Binney & Smith Co., supplies	95
Bradley, Milton Co., supplies	1 12
Brown, Chas. D. & Co., supplies	5 00
Brockway-Smith Corp., supplies	5 83
Butcher, J. W., stock and labor	72 26
Blanchard, F. S. & Co., books	3 00
Boston & Maine R. R., freight	5 60
Cambridge Botanical Supply Co., supplies,	1 85
Castor, T. H. & Co., supplies and postage,	5 86
Childs, Harold C., address of Rev. Chas. S. Dole	31 60
Amount carried forward,	$699 73

SCHOOL DEPARTMENT.

Amount brought forward,	$699 72
Chandler Adj. Chair and Desk Co., desks,	206 90
Cook, F. H. & Co., supplies . .	1 80
Curtis, H. M., tuning piano . . .	2 00
Dean, F. H., reslating black boards .	98 72
Delano, Gilbert, stock and labor . .	376 73
Dennison Manufacturing Co., supplies .	3 08
Delory, W. A., stock and labor . .	344 34
Dow, Frank E., music	9 00
Dudley & Hodge, binding books . .	10 35
Eastman, E. S., repairs . . .	3 75
Evans & Cole, carriage hire . . .	2 50
Embree, W. F. & Co., supplies . .	3 60
Ferguson, Chas., inspecting boilers .	8 00
Flagg, Chas. A., supplies and repairs .	1 25
Gardner, Peleg, stock and labor . .	98 29
Getchell, B. T., teaming ashes and cleaning vaults	39 50
Gilley, Richard G., truant officer . .	25 00
Ginn & Co., books	130 93
Gregg Publishing Co., books . .	13 05
Hammett, J. L. Co., supplies . .	149 26
Heath, D. C. & Co., books . . .	81 02
Houghton, Mifflin & Co., books . .	25 80
Howes, Freeman, laundry work . .	5 75
Hunt, A. F., M. D., professional services,	1 00
Ingalls & Kendricken, stock and labor .	15 90
Jackson, Charles T., taking school census	25 00
Jeffers, Charles P., supplies . . .	1 60
Kendall, H. C., filling diplomas . .	2 50
King, George F. & Co., supplies . .	291 85
Knott Apparatus Co., supplies . .	113 23
Knowlton, Daniel F., stock and labor .	4 95
Amount carried forward,	$2,796 37

SCHOOL DEPARTMENT.

Amount brought forward,	$2,796 37
Lampard, G. H., stock and labor	28 20
Langmade, C. H., expressing	20 45
Little, Brown & Co., books	1 35
Longmars, Green & Co., books	6 74
Lloyd, G. H. Co., supplies	5 58
Lynn, City of, tuition	60 00
Lyons & Mather, labor	17 94
Lynn Gas & Electric Co.	19 73
Maker, Mrs., labor	2 00
Maynard, Merrill & Co., books	41 54
McDonough, M., stock and labor	105 50
McKinley Publishing Co., supplies	3 74
Merriam, G. & C. Co., books	37 40
Morse Co. The, books	8 22
Murphy, Leavens & Co., supplies	10 50
New England Tel. & Tel. Co.	4 91
Nichols, T. P., printing	16 50
Norcross, W. Percy, stock and labor	2 80
Phillips, Charles C., electric wiring	9 25
Philbrick & Pope, stock and labor	80 23
Phillips & Adams, stock and labor	89 44
Porter, M. D., insurance	37 50
Prang Educational Co. The, supplies	19 54
Quinn, Martin L., stock and labor	200 45
Rowell, C. G., stock and labor	136 28
Rodrick, Charles, washing rollers and wheeling ashes	26 55
Roberts, C. K. & W. H., expressing	2 00
Russell, E., expressing	3 25
Sampson & Allen, supplies	3 20
Sanborn, B. H. & Co., books	1 13
Shepherd, W. E., teaming	12 25
Amount carried forward,	$3,810 54

SCHOOL DEPARTMENT.

Amount brought forward,	$3,810 54
Shorey, C. E., mounting photos	1 50
Silver, Burdett & Co., books	42 49
Small, Willard, books	56 63
Stone, Abram G., washing towels	5 32
Stone, Bert, expressing	80
Sulpho-Napthol Co. The, supplies	6 00
Swampscott Water Works	134 50
Taylor, Hattie J., books	3 50
Thompson, Brown & Co., books	27 12
Thurstin, John H., supplies	32 00
Till, George T., supplies	44 89
Titus & Poor, stock and labor	14 23
Wiley, Edwin F., stock and labor	1 50
Wadsworth, Howland & Co., supplies	90 04
Walke, William T., use of plants	10 00
Wardwell, Horace W., stock and labor	6 70
Whitten & Cass, printing	6 50
	$4,294 26

RECAPITULATION.

Salaries	$14,749 72
Janitors	1,791 56
Fuel	2,654 36
Miscellaneous	4,294 26
	$23,489 90

REIMBURSEMENTS.

Childs, H. C., tuition	$18 75
Commonwealth of Massachusetts State Board of Charity	11 00
Tuition	12 50
	$42 25

Phillips School Medal Fund.

On deposit in Lynn Five Cent Savings Bank	$679 58	
Interest to January 1st, 1904	23 97	
		$703 55
On deposit in Lynn Institution for Savings	$682 91	
Interest to November 1st, 1903	24 07	
		$706 98
Total		$1,410 53

Police Department.

Appropriation	$5,000 00	
Reimbursements	454 76	
Amount overdrawn	61 19	
		$5,515 95
Amount of expenditures		$5,515 95

EXPENDITURES.

PAY ROLLS, REGULAR POLICE.

1903.	
March	$455 00
April	364 00
May	455 00
June	364 00
July	455 00
August	364 00
September	364 00
Amount carried forward,	$2,821 00

POLICE DEPARTMENT.

Amount brought forward,	$2,821 00
October	455 00
November	364 00
December	364 00
1904.	
January	455 00
February	364 00
	$4,823 00

PAY ROLLS, SPECIAL POLICE.

1903.	
March	$102 50
April	189 25
May	16 00
June	36 00
July	45 25
August	39 50
September	24 25
October	40 00
November	17 00
December	17 25
1904.	
January	3 50
February	14 00
	$544 50

MISCELLANEOUS.

Blanchard, F. S. & Co., supplies	$3 00
Carroll, Charles W., carriage hire	3 50
Carroll, W. H., carriage hire	1 00
Chase, Amos B., supplies	1 00
Amount carried forward,	$8 50

POLICE DEPARTMENT.

Amount brought forward,	$8 50
Dailey Plating Co., repairing badges	1 45
Delano, Gilbert, stock and labor	2 95
Dunlap, Charles H., expenses	11 70
Evans & Cole, carriage hire	9 00
Harding, J. W. & Co., supplies	1 20
Hammond, A. S., car fares	50
Harris, Samuel T., car fares	1 10
King, George F. & Co., supplies	4 62
Lynn, City of, services and commitments,	12 50
Mastrangialo, Raphel, supplies	11 95
New England Tel. & Tel. Co.	57 58
Newhall, W. F., supplies	7 00
Rowe, Allen S., carriage hire	3 00
Shorey, C. E., photographs	1 50
Spinney, J. D., car fare	1 40
Vincent, Charles H., services and expenses	9 00
Whitten & Cass, printing	3 50
	$148 45

RECAPITULATION.

Pay rolls, regular police	$4,823 00
Pay rolls, special police	544 50
Miscellaneous	148 45
	$5,515 95

REIMBURSEMENTS.

Board of Health	$40 00
Brown, S. M.	9 75
Chapman, J. W.	2 00
Amount carried forward,	$51 75

POLICE DEPARTMENT.

Amount brought forward,	$51 75
Cobb, E. W.	2 00
Galloupe, C. W.	52 25
Lodge, Mary E.	50 00
Lynn, City of, court fines	10 00
Sewer Department	276 75
Swampscott Club	3 00
Telephone tolls	5 01
Wardwell Bros	2 00
Winnipesikett Club	2 00
	$454 76

Fire Department.

Appropriations	$7,000 00	
Receipts	1,112 48	
Amount overdrawn	150 57	
		$8,263 05
Amount of expenditures		$8,263 05

EXPENDITURES.

SALARIES, PERMANENT MEN.

1903.	
March	$300 00
April	240 00
May	358 00
June	298 00
July	372 50
August	298 00
September	298 00
October	372 50
Amsunt carried forward,	$2,537 00

FIRE DEPARTMENT.

Amount brought forward,	$2,537 00
November	298 00
December	298 00
1904.	
January	537 00
February	443 00
	$4,113 00

CALL MEN.

Pay rolls	$1,313 51

FUEL.

Honors, B. O. & Son	$211 75
Libby, H. B.	6 00
	$217 75

HAY AND GRAIN.

Farnham, E. A. & Co.	$20 47
Holden, George H. & Co. . . .	305 07
Jennings, Harry	392 75
Torrence, Vary & Co.	257 23
	$975 52

MISCELLANEOUS.

Ame & Co., supplies	$20 50
Armstrong, A. D., supplies . . .	19 95
Blaney, H. C., labor	6 00
Cahoon, Geo. P., express . . .	40
Cahoon, O. M., labor	1 25
Cahoon, J. E., labor	10 00
Amount carried forward,	$58 10

FIRE DEPARTMENT.

Amount brought forward,	$58 10
Callahan, Cornelius Co., suction hose .	201 84
Clinton Screen Manufacturing Co., supplies	2 60
Curtis & Bubier, supplies . . .	1 00
Doane, Geo. H., stock and labor . .	2 35
Delory, W. A., supplies . . .	8 20
Dunn & McKenzie, repairs . . .	10 50
Earp, W. G., stamps, ...	1 50
Eastman, F. H., surveying . . .	5 00
Edmands, A. W. & Co., supplies . .	15 00
Emerson, Daniel, M. D. V., professional services	39 00
Farrington, C., repairs	95
Fullum, H. H. & Co., supplies . .	16 00
Glazier, Harry A., supplies . . .	11 00
Goldthwait Pharmacy, supplies . .	2 75
Grant, H. W., labor	6 00
Gorham, L. E. & Co., supplies and labor,	13 13
Harding, J. W. & Co., supplies . .	80
Holden, Geo. H. & Co., supplies . .	34 20
Howe, Oliver R., supplies . . .	6 00
Hutchinson Lumber Co., stock and labor,	3 50
Jeffers, Chas. P., supplies . . .	4 10
King, Geo. F. & Co., supplies . .	1 68
Langmade, C. H., expressing . .	17 05
Lampard, G. H., stock and labor . .	14 00
Lynn Gas and Electric Co. . . .	96 49
McDonough, M., horse hire . . .	5 00
New England Tel. and Tel. Co. . .	73 65
New England Fire Supply Co., supplies,	18 00
Noyes, Geo. A. & Co., supplies . .	1 67
Oakes Chemical Co., supplies . .	4 55
Amount carried forward,	$675 61

FIRE DEPARTMENT.

Amount brought forward,	$675 61
Owens, J. G., blacksmithing . .	118 10
Philbrick & Pope, stock and labor . .	2 50
Pettingill, S. J., supplies . . .	3 51
Porter, M. D., insurance . . .	49 50
Potter, A. G., steam for whistle . .	250 00
Pratt, James H., supplies . . .	2 00
Questrom, A. I., stock and labor . .	11 15
Read, Holliday & Sons, supplies . .	7 25
Roberts, C. K. & W. H., expressing .	25
Rowell, C. G., stock and labor . .	10 00
Russell, E., expressing . . .	75
Sampson & Allen, supplies . . .	2 17
Smith, W. F., supplies . . .	14 20
Soleshine Manufacturing Co., supplies .	2 50
Spaulding, E. G., whitewashing . .	4 50
Spenser, S. M. M'f'g Co., supplies .	7 65
Stevens, Geo. M. Co., supplies . .	255 86
Shattuck & Delano, supplies . .	11 46
Sawyer, E. S., stock and labor . .	1 00
Smart, Stephen, insurance . . .	82 50
Swampscott Water Works . . .	32 50
Titus & Poor, stock and labor . .	63 25
Titus & Buckley Co., bedding . .	7 00
Till, Geo. T., supplies	4 20
Whitten & Cass, printing . . .	23 50
	$1,643 27

FIRE DEPARTMENT.

RECAPITULATION.

Salaries, permanent men	$4,113 00
Pay rolls, call men	1,313 51
Fuel	217 75
Hay and grain	975 52
Miscellaneous	1,643 27
	$8,263 05

RECEIPTS.

Brown, S. N.	$20 00
Highway Department	10 00
Owens, J. G., rent of shop	50 00
Street watering	1,012 50
Telephone tolls	3 17
Use of telephone	6 81
Sale of hose	10 00
	$1,112 48

Special Fire.

Appropriation	$170 00
Amount of expenditures	$170 00

EXPENDITURES.

Stevens, George M. Co., alarm boxes	$80 00
Stevens, George M. Co., indicator	90 00
	$170 00

Fire Alarm Boxes.

Appropriation		$250 00
Amount of expenditures . . .	$249 89	
Balance unexpended	11	
		$250 00

EXPENDITURES.

Stevens, George M. Co., fire alarm boxes,	$199 00
Stevens, George M. Co., sundries . .	50 89
	$249 89

Chemical House.

Appropriation	$12,000 00	
Amount overdrawn	$4 24	
		$12,004 24
Amount of expenditures . . .		$12,004 24

EXPENDITURES.

Bassett, Jos. M., expenses . . .	$20 94
Delano, C. B., expenses . . .	3 50
Cahoon, Geo. P., expenses . . .	22 10
Callahan, Cornelius Co., supplies . .	49 00
Delory, W. A., supplies . . .	6 50
Dunn & Mackenzie, stock and labor .	2 20
Glazier, Harry A., supplies . . .	24 00
Hastings & Sons Pub. Co., advertising .	1 80
Harris, Isaac K., surveying . . .	7 00
Amount carried forward,	$137 04

CHEMICAL HOUSE.

Amount brought forward,	$137 04
Johnson, Frank H., wiring and fixtures,	165 00
Kezer, L. F., stock and labor . .	10 00
New England Fire Supply Co., supplies,	16 00
Paine Furniture Co., furnishings . .	22 00
Perkins, C. N. Co., chemical engine .	2,225 00
Phillips, D. K., Trustee, land . .	400 00
Porter, M. D., insurance . . .	45 00
Smith, Alonzo H., supplies . .	4 93
Smith, W. H., harness and supplies .	97 00
Snow, Edgar, two horses . . .	450 00
Stevens, George M. & Co., supplies .	159 65
Swampscott Water Works, stock and labor	16 33
Tarbox, E. N., horse alarm . . .	15 00
Titus & Buckley, furniture . . .	72 39
Titus & Poor, contract	7,776 40
Wheeler & Betton, architects . . .	392 50
	$12,004 24

Highway Department.

Appropriations	$17,000 00	
Receipts	888 55	
Amount overdrawn	1,213 40	
		$19,101 95
Amount of expenditure . . .		$19,101 95

EXPENDITURES.

SALARIES.

Edgerly, I. Irving, superintendent .	$900 00
Pitman, J. P. M. S., superintendent .	80 00
	$980 00

HIGHWAY DEPARTMENT.

PAY ROLLS.

1903.	
March	$656 75
April	1,492 26
May	2,455 48
June	1,183 95
July	1,570 62
August	765 50
September	1,528 76
October	2,665 45
November	1,334 16
December	86 82
1904.	
January	1,130 50
February	838 00
	$15,708 25

MISCELLANEOUS.

Ames Plough Co., supplies	$24 41
American Express Co.	50
Bain & Russell, stock and labor	13 20
Blanchard, Frank I., gravel	26 00
Blaney, John W. & Co., supplies	4 45
Bond, Harold L. & Co., supplies	41 73
Brockway-Smith Corp., supplies	28 29
Boston & Maine R. R., freight	1 81
Bryson, John, supplies	6 86
Bourneuf, Louis & Co., gravel	27 02
Buffalo Pitts Steam Roller Works, supplies	2 50
Cullen Bros., blacksmithing	86 99
Callahan, Cornelius Co., supplies	5 54
Conrad, F., expressing	1 25
Cole, E. J., sand	51 30
Amount carried forward,	$321 85

HIGHWAY DEPARTMENT.

Amount carried forward,	$321 85
Delory, W. A., stock and labor . .	62 75
Delano, Gilbert, stock and labor . .	182 12
Dietinchs Valve Olium Oil Co., supplies,	20 03
Dunn & MacKenzie, supplies . .	20 44
Eastman, F. H., surveying . . .	280 00
Edgerly, I. I., expenses . . .	11 75
Embree, W. F. & Co., supplies . .	1.96
Fire Department, labor	10 00
Fire Department, use of telephone .	6 81
Face, G. J., supplies	55
Gardner, Peleg, stock and labor . .	39 88
Good Roads Machinery Co., watering cart	267 50
Hutchinson, W. Henry, supplies . .	28 08
Holden, Geo. H. & Co., supplies . .	85 82
Honors, B. O. & Son, fuel . . .	185 09
Jackson Brothers, repairs . . .	9 00
Kennison, J. B., use of cart . . .	9 25
Knowlton, Daniel F., repairs . .	1 40
Langmade, C. H., expressing . .	11 50
Laybold, Nathan, filing saws . .	1 40
Lyons & Mather, gravel . . .	4 20
Nyberg, John & Co., gravel . . .	8 00
Nichols, G. H. & A. L., supplies . .	4 00
Niles, W. H., settling Gerry claim .	15 00
North, John P., supplies . . .	50
Owens, J. G., blacksmithing . .	71 59
Peoples' Coal Co., supplies . . .	5 50
Perfect Packing Co., supplies . .	5 62
Perrin, Seamans & Co., supplies . .	12 73
Pettengill, S. J., supplies . . .	6 01
Amount carried forward,	$1,690 33

HIGHWAY DEPARTMENT.

Amount brought forward,	$1,690 33
Phillips & Adams, stock and labor	10 50
Philbrick & Pope, supplies	30 18
Porter, Milton D., insurance	25 00
Quinn, Martin L., removing boiler	25 00
Rowell, C. G., stock and labor	154 10
Rowell, E. W., painting signs	5 25
Sisk Bros., settlement of Eveleth claim	210 00
Smart, Stephen, supplies	21 25
Smith, Alonzo H., supplies	72 28
Shattuck & Delano, supplies and telephone tolls	12 35
Swampscott Water Works, stock, labor and rent	50 07
Swampscott Water Works, water rates	10 50
Titus & Poor, stock and labor	29 60
Valvoline Oil Co., supplies	26 54
Waters, W. J., building fence	35 00
Wiley, Edwin F., services	3 00
Whittredge, W. C. & Co., supplies	2 75
	$2,413 70

RECAPITULATION.

Salaries	$980 00
Pay roll	15,708 25
Miscellaneous	2,413 70
	$19,101 95

HIGHWAY DEPARTMENT.

RECEIPTS.

Excise tax	$725 80
Edgerly, I. I.	65 00
Good Roads Machinery Co., freight prepaid	10 75
Mayo, F. D., use of road roller	72 00
Cahoon, A. O., use of cart	15 90
	$888 55

Sidewalk Department.

Appropriation	$1,500 00	
Amount overdrawn	46 95	
		$1,546 95
Amount of expenditures		$1,546 95

EXPENDITURES.

SALARIES.

Edgerly, I. I.	$100 00

PAY ROLLS.

1903.	
April	$24 50
May	131 00
June	157 50
July	31 00
August	312 00
September	28 00
October	26 50
November	144 25
Amount carried forward,	$854 75

SIDEWALK DEPARTMENT.

Amount brought forward,	$854 75
December	95 00
1904.	
January	174 50
February	57 25
	$1,181 50

MISCELLANEOUS.

Cole, E. J., sand	$52 35
Niles, Wm. H., services in settlement of Eveleth claim	78 10
McDonough, M., stone dust	50 00
McDonough, M., stock and labor	45 00
Waters, W. J., building fence	40 00
	$265 45

RECAPITULATION.

Salary	$100 00
Pay roll	1,181 50
Miscellaneous	265 45
	$1,546 95

Street Crossing Department.

Appropriation		$500 00
Amount of expenditures	$443 18	
Balance unexpended	56 82	
		$500 00

STREET CROSSING DEPARTMENT.

EXPENDITURES.

PAY ROLL.

September	$178 75

MISCELLANEOUS.

Eastman, F. H., surveying . . .	$19 00
McDonough, M., cross walks and pavers,	245 43
	$264 43

RECAPITULATION.

Pay roll	$178 75
Miscellaneous	264 43
	$443 18

Crushed Stone Department.

Appropriation	$1,000 00	
Amount overdrawn	49 71	
		$1,049 71
Amount of expenditures . . .		$1,049 71

EXPENDITURES.

PAY ROLL.

July	$278 72

MISCELLANEOUS.

Eastman, F. H., surveying . . .	$13 50
Delory, W. A., stock and labor . .	33 89
Honors, B. O. & Son, fuel . . .	225 79
Amount carried forward,	$273 18

CRUSHED STONE DEPARTMENT.

Amount brought forward,	$273 18
McDonough, M., labor with steam drill,	363 00
Merrill, Samuel S., supplies . .	129 95
Swampscott Water Works, stock and labor	4 86
	$770 99

RECAPITULATION.

Pay roll	$278 72
Miscellaneous	770 99
	$1,049 71

Catch Basins and Gutters.

Appropriation		$900 00
Amount of expenditures . . .	$886 93	
Balance unexpended	13 07	
		$900 00

EXPENDITURES.

PAY ROLLS.

1903.	
May	$109 25
June	91 59
July	311 50
September	121 50
	$633 84

CATCH BASINS AND GUTTERS.

MISCELLANEOUS.

Brown, James G., labor . . .	$14 00
Lewis, David W., supplies . . .	7 00
Leslie, Robert, rocks	3 50
Rowell, C. G., stock and labor . .	198 09
Smith Iron Foundry, supplies . .	30 50
	$253 09

RECAPITULATION.

Pay rolls	$633 84
Miscellaneous	253 09
	$886 93

Concrete and Curbstone Department.

Appropriation	$500 00	
Reimbursements	86 94	
		$586 94
Amount of expenditures . . .	$369 79	
Balance unexpended	217 15	
		$586 94

EXPENDITURES.

PAY ROLLS.

June	$23 50
November	21 00
	$44 50

CONCRETE AND CURBSTONE DEPARTMENT.

MISCELLANEOUS.

Eastman, F. H., surveying . . .	$12 50
McDonough, M., concrete . . .	312 79
	$325 29

RECAPITULATION.

Pay rolls	$44 50
Miscellaneous	325 29
	$369 79

REIMBURSEMENTS.

Cahoon, R. A., curbing . . .	$48 41
Hudson, F. B., concrete . . .	20 81
Potter, W. A., concrete . . .	9 73
Russ, H. O., concrete	8 26
	$86 94

DUE TOWN.

Sundry parties	$293 30

Resetting Curbstones.

Appropriation		$300 00
Amount of expenditures . . .	$84 50	
Balance unexpended	215 50	
		$300 00

RESETTING CURBSTONES.

EXPENDITURES.

PAY ROLLS.

1903.	
May	$41 25
June	43 25
	$84 50

Roy Street Catch Basin.

Appropriation		$100 00
Amount of expenditures	$94 25	
Balance unexpended	5 75	
		$100 00

EXPENDITURES.

Highway Department, pipe	$65 00
Kendrick, R. P., labor	4 00
Rowell, C. G., stock and labor	17 25
Tyler, H. W., labor	4 00
Widger, J. M., labor	4 00
	$94 25

Ingalls Terrace.

Appropriation	$450 00	
Amount overdrawn	86 75	
		$536 75
Amount of expenditures		$536 75

INGALLS TERRACE

EXPENDITURES.

McDonald, P. F., stairs and platform .	$536 75

Road Roller and Stone Crusher.

Appropriation		$6,000 00
Amount of expenditures . . .	$5,474 09	
Balance unexpended	525 91	
		$6,000 00

EXPENDITURES.

PAY ROLL.

June	$91 25

MISCELLANEOUS.

Boston & Maine R. R., freight . .	$7 00
Buffalo Pitts Steam Roller Works, road roller	3,250 00
Delano, Gilbert, stock and labor . .	38 57
Good Roads Machinery Co., stone crusher and supplies	1,829 82
Perfect Packing Co., supplies . .	3 75
Sisk, James H., land rent for stone crusher	250 00
Titus & Poor, stock and labor . .	3 70
	$5,382 84

RECAPITULATION.

Pay roll	$91 25
Miscellaneous	5,382 84
	$5,474 09

uena Vista Street.

Appropriation		$1,000 00
Amount of expenditures . . .	$985 00	
Balance unexpended	15 00	
		$1,000 00

EXPENDITURES.

PAY ROLLS.

July	$43 00
August	742 50
	$785 50

MISCELLANEOUS.

Eastman, F. H., surveying . . .	$33 00
Ellis, A. L., gravel	29 50
McDonough, M., blasting . . .	125 00
Tucker, Charles W., gravel . . .	12 00
	$199 50

RECAPITULATION.

Pay rolls	$785 50
Miscellaneous	199 50
	$985 00

Beach Bluff Culvert.

Appropriation		$500 00
Amount of expenditures . . .	$402 17	
Balance unexpended	97 83	
		$500 00

BEACH BLUFF CULVERT.

EXPENDITURES.

Brockway-Smith Corp., supplies	$2 17
Doane, Geo. H., contract	369 00
Rowell, C. G.	31 00
	$402 17

Roy Street.

Appropriation	$750 00	
Amount overdrawn	15 75	
		$765 75
Amount of expenditures		$765 75

EXPENDITURES.

PAY ROLLS.

September	$54 50
October	346 75
	$400 75

Eastman, F. H., surveying	$10 00
Grant, H. W., painting fence	5 00
Lyons & Mather, stock and labor	175 00
McDonough, M., blasting	175 00
	$365 00

RECAPITULATION.

Pay rolls	$400 75
Miscellaneous	365 00
	$765 75

Walker Road Water Pipe.

Appropriation		$1,000 00
Amount of expenditures . . .	$679 95	
Balance unexpended	320 05	
		$1,000 00

EXPENDITURES.

Swampscott Water Works, stock and labor	$679 95

Thomas Road Hydrant.

Appropriation	$500 00	
Amount overdrawn	61 86	
		$561 86
Amount of expenditures . . .		$561 86

EXPENDITURES.

Swampscott Water Works, stock and labor	$561 86

Watering Cart.

Appropriation		$500 00
Amount of expenditures . . .	$250 00	
Balance unexpended	250 00	
		$500 00

EXPENDITURES.

Granger, H. P., watering cart . .	$250 00

Street Watering Department.

Appropriation	$2,500 00	
Amount overdrawn	49 47	
		$2,549 47
Amount of expenditures . . .		$2,549 47

EXPENDITURES.

Dunn & Mackenzie, repairs . . .	$2 25
Evans & Cole	535 00
Fire Department	1,012 50
McDonough, M.	465 62
Roberts, Edward B.	512 50
Swampscott Water Works, labor on stand-pipes	21 60
	$2,549 47

Street Light Department.

Appropriations	$8,233 00	
Amount overdrawn	154 61	
		$8,387 61
Amount of expenditures . . .		$8,387 61

EXPENDITURES.

Evans & Cole, carriage hire . . .	$6 00
Lynn Gas & Electric Co., electrics . .	8,302 53
Lynn Gas & Electric Co., gas . .	25 08
Norcross, W. Percy, care of lamps .	50 00
Farnum, E. A., carriage hire . .	4 00
	$8,387 61

Tree Warden Department.

Appropriation		$600 00
Amount of expenditures	$587 15	
Balance unexpended	12 85	
		$600 00

EXPENDITURES.

SALARIES.

Newhall, George	$75 00

PAY ROLLS.

1903.	
March	$60 00
April	85 75
May	72 00
June	21 25
July	28 00
August	35 00
September	21 50
November	11 25
1904.	
February	10 00
	$344 75

MISCELLANEOUS.

Delory, W. A., supplies	$2 90
Newhall, George, loam and trees	27 50
Shady Hill Nursery Co., trees	125 00
Tupper, John, ladder	12 00
	$167 40

TREE WARDEN DEPARTMENT.

RECAPITULATION.

Salaries	$75 00
Pay roll	344 75
Miscellaneous	167 40
	$587 15

Water Rates.

Appropriation	$950 00	
Amount overdrawn	57 35	
		$1,007 35
Amount of expenditures		$1,007 35

EXPENDITURES.

Swampscott Water Works, hydrants	$880 00
Swampscott Water Works, drinking fountains	100 00
Swampscott Water Works, removing hydrant	27 35
	$1,007 35

Health Department.

Appropriation	$3,500 00	
Reimbursements	533 81	
		$4,033 81
Amount of expenditures	$3,755 97	
Balance unexpended	277 84	
		$4,033 81

HEALTH DEPARTMENT.

EXPENDITURES.

SALARIES.

Adams, W. B., clerk	$50 00
Haley, Michael	85 00
Nies, Martin E., inspector of plumbing	253 60
Stone, Jasper H.	85 60
Stratton, F. B., chairman	100 00
	$673 60

MISCELLANEOUS.

American Express Co.	$1 20
Bauer, R. S., supplies	4 70
Bicknell, R. E., M. D., professional services	23 13
Burnett, William, labor	7 50
Boyden, Arthur, labor	3 50
Carroll, Charles, team hire	24 30
Chase, Henry C., labor	6 50
Coan, Peter, burying carrion	1 50
Crowell, J. F., supplies	1 35
Davis & Young, supplies	4 25
Delano, Lewis, labor with team	35 25
Ellis, Stuart P., photographs	3 00
Evans & Cole, labor with team	31 25
Gannon, D. J. labor with team	12 25
Getchell, B. T., care night soil	50 00
Gilley, Richard, serving notices	25 50
Granger, S. G., labor	12 50
Griffin, John, labor	22 50
Gardner, Peleg, stock and labor	9 50
Haley, Michael, fumigating	15 00
Amount carried forward,	$294 68

HEALTH DEPARTMENT.

Amount brought forward,	$294 68
Hastings & Sons Pub. Co., advertising .	103 20
Harding, J. W. & Co., supplies . .	3 80
Higgins & Co., collecting house offal .	445 00
Honors, B. O. & Son, fuel . . .	3 85
Hunt, A. F., M. D., professional services,	31 00
Jeffers, C. P., supplies	15 50
Kain, D. J., burying carrion . .	1 00
Kennedy F. P., labor	4 00
Kennedy, Bernard, labor . . .	14 00
Lynn, City of, board and care small-pox patient	559 15
McCarty, J. F., printing . . .	62 50
McDonough, M., collecting ashes . .	699 26
McDonough, M., house offal . . .	242 50
McDonough, M., burying carrion and labor with team	40 00
Melvin, Charles, burying carrion . .	2 00
Melvin, William, burying carrion . .	4 00
Newton, W. S., labor	24 50
Nisbet, D. W., labor	40 50
North Shore Publishing Co., advertising,	10 00
Ocean Pharmacy, developing films .	1 00
Pedrick, B. C., care beach . . .	251 67
Pedrick, B. C., labor	4 00
Philbrick & Pope, supplies . . .	2 94
Police Department, services and tel. tolls,	40 97
Roberts, E. B., labor	1 00
Short, Charles, labor	23 00
Slattery, John, labor	10 00
Smart, Stephen, insurance . . .	10 00
Spinney, George F., labor . . .	7 50
Stratton, F. B., fumigating and expense,	86 10
Amount brought forward,	$3,038 62

HEALTH DEPARTMENT.

Amount brought forward,	$3,938 62
Stanley, Jack W. labor	8 50
Thompson, Waldo & Son, insurance .	3 75
Whitten & Cass, printing . . .	14 50
Willey, Frank, labor	17 00
	$3,082 37

RECAPITULATION.

Salaries	$673 60
Miscellaneous	3,082 37
	$3,755 97

REIMBURSEMENTS.

Commonwealth of Massachusetts, small-pox case	$533 81

Park Department.

Appropriation	$1,000 00	
Receipts	300 80	
		$1,300 80
Amount of expenditures . . .	$1,115 08	
Balance unexpended	185 72	
		$1,300 80

EXPENDITURES.

SALARIES.

Blanchard, Horace W., superintendent .	$334 00

PARK DEPARTMENT.

PAY ROLLS.

1903.	
April	$35 50
May	41 00
October	140 00
	$216 50

MISCELLANEOUS.

Blanchard, H. W., stock and labor and expenses	$58 40
Brockway-Smith Corporation, supplies	13 83
Evans & Cole, labor with team	4 00
Gardner, Peleg, stock and labor	113 59
Honors, B. O. & Son, fuel	5 50
Hutchinson Lumber Co., lumber	6 43
Jackson, J. B., expense	1 00
Lampard, G. H., stock and labor	15 00
Lyons & Mather, stock and labor	100 00
McDonough, M., labor with team	12 42
Niles, W. H., Phillips claim	25 00
Rowell, C. G., stock and labor	14 37
Philbrick & Pope, stock and labor	7 50
Smart, Stephen, insurance	125 00
Swampscott Water Works, water rates, stock and labor	58 31
Titus & Poor, stock and labor	2 58
Wells & Newton Co., supplies	1 65
	$564 58

RECAPITULATION.

Salaries	$334 00
Pay rolls	216 50
Miscellaneous	564 58
	$1,115 08

PARK DEPARTMENT.

RECEIPTS.

Blanchard, H. W., rents . . .	$300 80

Town Hall Department.

Appropriation	$1,200 00	
Receipts	482 50	
Amount overdrawn	203 09	
		$1,885 59
Amount of expenditures . . .		$1,885 59

EXPENDITURES.

SALARIES.

Mott, James A., janitor . . .	$650 00
Adams, John I., sub-janitor . .	12 50
Crowell, J. F., sub-janitor . . .	62 50
Glass, Jos. W., sub-janitor . . .	12 50
	$737 50

MISCELLANEOUS.

Ashton, E. M. & C. E., stock and labor,	$4 15
Adams, John I., stock and labor . .	1 50
Bradford, F. H., stock and labor . .	14 24
Delano, Gilbert, stock and labor . .	127 06
Eastman, E. S., repairing clock . .	5 50
Getchell, B. T., loam and labor . .	12 50
Gifford, W. B., rugs	6 75
Hill, John L., tuning piano . . .	17 50
Honors, B. O. & Son, fuel . . .	281 50
Amount carried forward,	$470 70

TOWN HALL DEPARTMENT.

Amount brought forward,	$470 70
Holden, Geo. H. & Co., supplies	20 01
Johnson, Frank H., gas fixtures	6 50
King, Geo. F. & Co., supplies	35 36
Knowlton, D. F., labor	2 50
Langmade, C. H., expressing	25
Lynn Gas and Electric Co., lighting and supplies	239 71
Lyons & Mather, stock and labor	3 00
Marshman, Gideon, stock and labor	5 00
Martin, Eben S., labor	3 25
Mendlow Bros., supplies	55
Mott, James H., expense	21 80
Nisbett, A. F., ringing bell	1 25
Orcutt, J. W., electric lights	8 00
Phillips & Adams, setting glass	50
Philbrick & Pope, stock and labor	79 34
Quinn, Martin L., repairing roof	13 00
Roberts, C. K. & W. H., expressing	25
Rowell, C. G., stock and labor	57 48
Sampson & Allen, stock and labor	37 13
Sewer Department, sewer assessment	94 08
Shattuck & Delano, supplies	8 00
Stone, Abram G., ringing bell	1 00
Swampscott Water Works	26 50
Till, George T., supplies	7 68
Tupper, John, step ladder	4 00
Wheeler, H. A. & Co., repairing flag	1 25
	$1,148 09

RECAPITULATION.

Salaries	$737 50
Miscellaneous	1,148 09
	$1,885 59

TOWN HALL DEPARTMENT.

RECEIPTS.

Crowell, J. F., rent of hall	$62 50
Mott, James A., rent of hall	408 00
Winnipesikett Club, rent of hall	12 00
	$482 50

Free Public Library.

Appropriation	$750 00	
Receipts	466 34	
		$1,216 34
Amount of expenditures	$1,166 34	
Balance unexpended	50 00	
		$1,216 34

EXPENDITURES.

SALARIES.

Honors, S. L., librarian	$300 00
Bain, Carl, assistant	50 00
Russell, Ralph, assistant	50 00
	$400 00

MISCELLANEOUS.

Bauer, R. S., subscriptions	$62 00
Barnard, F. J. & Co., binding books	67 25
Desmond Pub. Co., books	18 50
Dewolf, Fisk & Co., books	4 10
Delano, Gilbert, stock and labor	6 92
Amount carried forward,	$158 77

FREE PUBLIC LIBRARY.

Amount brought forward,	$158 77
Eastman, E. S., repairing clock	1 00
Essex Publishing Co., books	7 00
Federal Book Co., books	21 00
Gilley, R. G., dog officer	50 00
Lauriat, Charles E. Co., books	476 07
Langmade, C. H., expressing	6 25
Metcalf, E. W., books	5 25
Nichols, T. P., printing	36 50
Roberts, C. K. & W. H., expressing	1 00
Taylor, Hattie J., books	3 50
	$766 34

RECAPITULATION.

Salaries	$400 00
Miscellaneous	766 34
	$1,166 34

RECEIPTS.

County of Essex, dog licenses	$426 25
Honors, S. L., sundry receipts	40 09
	$466 34

Cemetery Department.

Appropriation	$750 00	
Receipts	335 00	
		$1,085 00
Amount of expenditures	$694 61	
Balance unexpended	390 39	
		$1,085 00

CEMETERY DEPARTMENT.

EXPENDITURES.

SALARIES.

Harris, Nathan M., superintendent .	$75 00
Pitman, J. P. M. S., superintendent .	337 50
	$412 50

MISCELLANEOUS.

Baker, James, supplies	$7 00
Blaney, E. G., plants	76 63
Brockway-Smith Corporation, supplies	1 34
Carkin, John T., labor	162 00
Lyons & Mather, labor with team . .	4 14
Newhall, George, labor . . .	6 00
Pitman, J. P. M. S., labor . . .	7 00
Swampscott Water Works . . .	18 00
	$282 11

RECAPITULATION.

Salaries	$412 50
Miscellaneous	282 11
	$694 61

RECEIPTS.

Sale of lots	$335 00

Memorial Day.

Appropriation	$150 00
Amount of expenditures . . .	$150 00

EXPENDITURES.

Post 118, G. A. R.	$150 00

Monument Lot.

Appropriation	$35 00
Amount of expenditures . . .	$35 00

EXPENDITURES.

Glass, Jos. W., care of lot . . .	$35 00

Poor Department.

Appropriation	$3,300 00	
Reimbursements	71 00	
Amount overdrawn	137 23	
		$3,508 23
Amount of expenditures . . .		$3,508 23

EXPENDITURES.

SALARIES.

Blanchard, Charles A., overseer . .	$60 00
Crowell, J. F., overseer, chairman .	100 00
Curtis, T. B. P., overseer . . .	60 00
Kendrick, Mrs. L. E., clerk . . .	25 00
	$245 00

POOR DEPARTMENT.

GROCERIES.

Caverly, J. L.	$4 58
Holden, George H. & Co.	77 75
Nash, J. B.	17 64
Pettingill, S. J.	15 00
Pierce, A. L.	129 48
Shattuck & Delano	183 88
Standard Grocery & Provision Co.	14 00
	$442 33

BOARD AND RENT.

Brown, Annie	$94 00
Fitzpatrick, Mrs.	12 00
Lynn, City of	16 00
Marblehead Savings Bank	77 00
Park Department	9 60
Payne, Mary A.	260 00
Peabody, Town of	179 10
Porter, M. D., Agent	83 10
Stewart, James W.	185 54
Tucker, E. J.	72 00
Welch, L. H. & Co.	91 00
	$1,079 34

FUEL.

Honors, B. O. & Son	$158 20
Libby, H. B.,	31 75
	$189 95

PUBLIC INSTITUTIONS.

Danvers Insane Hospital	$745 65
Medford Insane Asylum	146 00
Sisters of Charity	164 15
State Hospital	292 00
	$1,347 80

POOR DEPARTMENT.

MISCELLANEOUS.

Bicknell, Ralph E., professional services,	$3 00
Boston, City of, aid rendered . .	7 87
Carroll, G. H., telephone charges .	1 90
Chase, W. B., M. D., professional services	56 00
Crowell, J. F., expenses . . .	5 00
Curtis, T. P. B., supplies and expenses,	12 07
Evans & Cole, carriage hire . . .	3 50
Fitzpatrick, Mrs., supplies . . .	9 29
Hunt, A. Frost, M. D., professional services	13 00
Jeffers, Chas. P., supplies . . .	1 20
Kendrick, L. E., supplies . . .	1 70
Lovejoy, C. A., professional services .	3 00
Mower, Earl A., burial . . .	25 00
Porter, F. V., supplies	8 80
Porter, M. D., supplies . . .	6 00
Quincy, City of, aid rendered . .	2 25
Ryan, Simon J., burials . . .	30 00
Till, George T., supplies . . .	14 23
	$203 81

RECAPITULATION.

Salaries	$245 00
Groceries	442 33
Board and rent	1,079 34
Fuel	189 95
Public institutions	1,347 80
Miscellaneous	203 81
	$3,508 23

POOR DEPARTMENT.

REIMBURSEMENTS.

Commonwealth of Massachusetts, burial of State paupers	$30 00
Spencer, Town of	6 00
Sundry parties	35 00
	$71 00

DUE THE TOWN.

Commonwealth of Massachusetts	$100 58
Lynn, City of	175 87
Marblehead, Town of	6 00
Sundry parties	540 27
	$822 72

Soldiers' Relief Department.

Appropriation	$1,500 00	
Reimbursements	55 00	
Amount overdrawn	478 49	
		$2,033 49
Amount of expenditures		$2,033 49

EXPENDITURES.

GROCERIES.

Carpenter & French	$130 00
Pettingill, S. J.	112 50
Shattuck & Delano,	938 32
Standard Grocery and Provision Co.	112 00
	$1,292 82

SOLDIERS' RELIEF DEPARTMENT.

FUEL.

Honors, B. O. & Son	$191 59
Robinson, J. M. & Son . . .	15 00
	$206 59

RENTS.

Hurley, M., estate of	$92 00
Park Commissioners	9 60
	$101 60

MISCELLANEOUS.

Danvers Insane Hospital . . .	$169 48
Doyle, Thomas, burial	35 00
Aid rendered sundry parties . . .	228 00
	$432 48

RECAPITULATION.

Groceries	$1,292 82
Fuel	206 59
Rents	101 60
Miscellaneous	432 48
	$2,033 49

REIMBURSEMENTS.

Commonwealth of Massachusetts, burials,	$35 00
Marblehead, Town of	20 00
	$55 00

State Aid.

Chapter 372, Acts of 1899.

EXPENDITURES.

1903.	
March	$16 00
April	16 00
May	16 00
June	16 00
July	16 00
August	16 00
September	16 00
October	16 00
November	16 00
December	16 00
1904.	
January	16 00
February	16 00
	$192 00

REIMBURSEMENTS.

Commonwealth of Massachusett, 1902	$116 00

DUE FROM

Commonwealth of Massachusetts, 1903	$96 00
Commonwealth of Massachusetts, January and February, 1904	16 00
	$112 00

State Aid.

Chapter 374, Acts of 1899.

EXPENDITURES.

1903.	
March	$197 00
April	197 00
May	209 00
June	209 00
July	211 00
August	227 00
September	219 00
October	219 00
November	227 00
December	231 00
1904.	
January	229 00
February	229 00
	$2,604 00

REIMBURSEMENTS.

Commonwealth of Massachusetts, 1902	$2,248 00

DUE FROM

Commonwealth of Massachusetts, 1903	$2,540 00
Commonwealth of Massachusetts, Jan. and Feb. 1904	458 00
	$2,998 00

Treasurer's Safe.

Appropriation	$275 00
Amount of expenditures . . .	$275 00

EXPENDITURES.

Curtis, Arthur B., safe	$275 00

Assessors' Safe.

Appropriation		$250 00
Amount of expenditures . . .	$236 50	
Balance unexpended	13 50	
		$250 00

EXPENDITURES.

Curtis, Arthur B., safe and desk . .	$192 50
Johnson, Frank H., desk light . .	5 00
Lampard, G. H., stock and labor . .	15 00
Till, Geo. T., carpet	24 00
	$236 50

Assessors' Plans.

Appropriation	$150 00
Amount of expenditures . . .	$150 00

EXPENDITURES.

Eastman, F. H., correcting maps . .	$150 00

Assessors' Library.

Appropriation		$150 00
Amount of expenditures . . .	$149 85	
Balance unexpended	15	
		$150 00

EXPENDITURES.

American Express Co.	$ 60
Library Bureau, card system . . .	54 25
Maxfield, E. A., services on card system,	95 00
	$149 85

Sewer Reimbursement.

Appropriation	$3,000 00
Amount of expenditures . . .	$3,000 00

EXPENDITURES.

Sewer Department, account Norfolk avenue drain	$3,000 00

Town Warrant, July 22, 1903. Article 11.

Appropriation	$300 00
Amount of expenditures . . .	$300 00

EXPENDITURES.

Sargent, Mrs. E. F. D., claim for damages, Forest avenue	$300 00

Town Warrant. Article 15.

Appropriation	$66 67
Amount of expenditures . . .	$66 67

EXPENDITURES.

Till, Geo. T., balance of salary as tax collector, 1902	$66 67

Sewer Department.

Balance on hand March 1, 1903 .		$16,210 34	
Sale of bonds, par value . . .		60,000 00	
Premium on bonds . . .		623 40	
Accrued interest on bonds . .		431 67	
Temporary note, bonds pledged .		25,000 00	
Interest on deposits . . .		256 34	
Norfolk Ave. drain, reimbursement,		3,000 00	
Sewer assessments		3,181 42	
Miscellaneous receipts . . .		139 81	
			$108,842 98
Amount of expenditures . . .		$107,644 98	
Balance in treasury, March 1, 1903 . .	$1,243 75		
Outstanding order . .	45 75		
Net balance . . .		1,198 00	
			$108,842 98

SEWER DEPARTMENT.

EXPENDITURES.

SALARIES.

Edgerly, I. Irving, superintendent .	$55 00
Jones, Melvin N., engineer . .	272 50
Till, George T., clerk for Sewer Commissioners	170 00
	$497 50

PAY ROLLS.

1903.	
August	$11 25
September	53 17
October	13 00
November	88 91
December	61 90
1904.	
January	52 00
February	16 00
	$296 23

MISCELLANEOUS.

Adams, John I., labor . . .	$6 00
Allen, E. D., labor with team .	15 00
American Express Co., expressing .	40
Ames Plough Co., hand cart . .	30 00
Belben, Nathaniel, stock and labor .	2,045 46
Boston Daily Advertiser, advertising,	21 25
Belonga, G. W., on account of Lyons & Mather, contracts . . .	6,515 94
Boston Herald Co., advertising .	55 87
Amount carried forward,	$8,689 92

SEWER DEPARTMENT.

Amount brought forward,	$8,689 92
Blaney, J. W. & Co., supplies	165 15
Barnett, James & Co., supplies	84 16
Boston & Maine R. R., rent	40 00
Boston Woven Hose Co., supplies	203 52
Brockway-Smith Corp., supplies	3 25
Builders Iron Foundry, supplies	31 74
Butman, F. L., printing	200 00
Burdett & Williams Co., supplies	38 71
Carlyle, W. J., engineer	152 07
Cheney, E. R., use of pump and engine	189 50
Counter, Octave, engineer	43 25
Collins, C. A., engineer	8 75
Cole, E. J., teaming	11 84
Davis & Farnum Mfg. Co., supplies,	110 89
Day, E. F. & Co., bricks	811 00
DeLory, W. A., stock and labor	121 55
Doane, Sidney, services	2 00
Edmunds Fire Extinguishing Co., supplies	26 50
Eglee, C. H. Co., contracts	27,038 72
Embree, W. F. & Co. stock and labor	4 50
Evans & Cole, teaming	175 25
Falcon, Jos. G., contract	12,821 08
French, Abram, freight and labor	9 87
Gardner, Peleg, stock and labor	82 43
Getchell, B. T., teaming	20 00
Globe-Wernicke Co., card system	46 60
Harding, J. W. & Co., supplies	4 25
Hartford Steam Boiler Inspection and Insurance Co., insurance	100 00
Haley, Michael, labor	22 80
Amount carried forward,	$51,259 30

SEWER DEPARTMENT.

Amount brought forward,	$51,259 30
Hastings & Sons Publishing Co., advertising	89 70
Hayes Foundry Co., supplies . .	223 57
Holmes & Blanchard Co., supplies,	4,607 75
Holden, Geo. H. & Co., supplies .	24 51
Honors, B. O. & Son, fuel . .	2,164 05
Johnson, Frank H., electrical work,	44 00
Kehoe, S. M., use of telephone .	1 95
King, Geo. F. & Co., supplies .	7 88
Lampard, G. H., painting signs .	24 75
Lyons & Mather, stock and labor .	176 76
Lyons, James T., stock and labor .	12 08
Lynn Gas and Electric Co. . .	16 84
Lynn National Bank, on account of O. J. Markee contract . .	1,534 00
Markee, O. J., on account of contract	500 00
Markee, O. J., stock and labor .	31 33
Mayo, F. D., contracts . . .	16,515 31
Morse & Whyte, screens . .	511 00
McDonough, M., contracts . .	5,975 68
Myers, D. J., stock and labor .	23 10
Nichols, T. P., printing . .	78 00
Nies, Martin E., stock and labor .	54 60
New England Statist, advertising .	18 75
New England Tel. and Tel. Co. .	29 79
North Shore Pub. Co., advertising .	2 00
O'Rourke, Thomas, labor . .	6 00
Paine Furniture Co., furniture .	22 50
Perrin, Seamans & Co., supplies .	151 95
Peoples' Coal Co., on account of O. J. Markee contract . . .	500 00
Amount carried forward,	$84,607 15

SEWER DEPARTMENT.

Amount brought forward,	$84,607 15
Philbrick & Pope, stock and labor .	426 47
Portland Stone Ware Co., supplies .	521 39
Police Department, services . .	276 75
Porter, M. D., insurance . .	163 52
Puritan Iron Works, copper vane .	30 00
Quinn, M. L., stock and labor .	46 95
Rondonti, Louis, engineer . .	2 50
Roberts, E. B., expense . .	2 41
Roberts, C. K. and W. H., express,	1 50
Ryan, W. T., labor with team .	141 25
Rowell, C. G., stock and labor .	5 40
Shephard, W. E., labor with team .	23 20
Southard, A. M., typewriting .	1 15
Sprague & Breed Coal Co., fuel .	261 35
Stone, Thomas, rents . . .	33 00
Stittings, F. I., supplies . . .	1 00
Swampscott Water Works, supplies and water rates	77 11
Till, George T., justice of peace and supplies, ...	18 20
Trefethen, F. L., stock and labor .	68 51
Tuttle & Edgerly, contracts . .	3,695 21
Tupper, John, supplies . . .	16 08
United States Cast Iron Pipe and Foundry Co., supplies . .	7,345 19
Valvoline Oil Co., supplies . .	64 96
Whitten & Cass, printing . .	21 00
Worthington, E., engineer . .	9,000 00
	$106,851 25

RECAPITULATION.

Salaries	$497 50
Pay rolls	296 23
Miscellaneous	106,851 25
	$107,644 98

SEWER DEPARTMENT.

RECEIPTS.

Markee, O. J., reimbursement .	$19 10
Nash, W. G., bags . . .	94 46
Porter, M. D., insurance reimbursement	9 00
Roberts, E. B., pipe . . .	5 00
Lynn, City of, reimbursements on drain	12 25
	$139 81

Swampscott Water Works.

Balance on hand March 1, 1903 .		$5,806 57	
Interest on deposits . . .		105 46	
Receipts		21,784 47	
			$27,696 50
Amount of expenditures, including sinking fund,		$20,985 30	
Interest on bonds . .		4,655 00	
Balance in treasury, March 1, 1903 . .	$2,064 05		
Outstanding order . .	7 85		
Net balance . . .		2,056 20	
			$27,696 50

EXPENDITURES.

SALARIES.

Bates, Wm. H.	$200 00
Haskell, Chas. S.	200 00
Kehoe, Samuel M. . . .	200 00
Pollard, Kendall, Superintendent .	1325 00
	$1,925 00

SWAMPSCOTT WATER WORKS.

PAY ROLLS.

1903.	
March	$159 75
April	181 40
May	249 94
June	348 44
July	244 55
August	214 50
September	207 08
October	290 86
November	511 15
December	191 75
1904.	
January	101 50
February	157 25
	$2,858 17

MISCELLANEOUS.

American Surety Co., superintendent's bond	$15 00
Bond, Harold L. & Co., supplies	26 64
Boston & Maine R. R., freight	162 29
Bourneuf, Louis & Co., supplies	338 37
Chapman Valve Co., supplies	4 28
Coffin Valve Co., supplies	305 65
Commonwealth Saving Bank, sinking fund	1,000 00
Delory, W. A., stock and labor	81 05
Drummond, M. J. & Co., supplies	601 81
Dunn & McKenzie, blacksmithing and supplies	66 28
Eastman, F. H., surveying	40 00
Eddy Valve Co., supplies	143 00
Amount carried forward,	$2,784 37

SWAMPSCOTT WATER WORKS.

Amount brought forward,	$2,784 37
Edison Manufacturing Co., supplies,	3 61
Essex Machine Co., labor . .	5 18
Evans & Cole, horse hire . .	6 00
Falcon, J. G., supplies . . .	107 91
Getchell, B. T., horse hire . .	8 75
Hayes, Maurice, use of wagon .	7 35
Hays Manufacturing Co., supplies .	87 50
Honors, B. O. & Son, fuel . .	37 75
Houdlette, Fred A. & Son, supplies,	4,359 65
Holden, G. H. & Co., supplies .	44 54
Lynn Institute for Savings, sinking fund	514 45
Lyons & Mather, stock and labor .	165 67
Mayo, F. D., supplies . . .	4 08
Marblehead Savings Bank, sinking fund	650 00
McDonough, M., stock and labor .	952 94
Metropolitan Sewerage Board, contract	3,500 00
Newhall, Howard M., commissioners' bonds	30 00
Nichols, G. H. & A. L., printing .	7 75
Niles, Wm. H., legal services .	60 00
Owens, J. G., blacksmithing . .	42 65
Paul, Henry C., insurance . .	11 28
Parsons, Starr, settling claims . .	350 00
Phillips, Maria, estate of, water pipes on Phillips avenue . . .	300 00
Pollard, Kendall, expenses . .	172 44
Philbrick & Pope, stock and labor .	7 48
Revere Rubber Co., supplies . .	25 80
Roberts, C. K. & W. H., expressing,	7 25
Rowell, C. G., stock and labor .	10 30
Amount carried forward,	$14,264 70

SWAMPSCOTT WATER WORKS.

Amount brought forward,	$14,264 70
Roby, W. G. & Co., supplies .	190 38
Salem Five Cents Savings Bank, sinking fund	650 00
Salem, City of, taxes . . .	14 24
Shattuck & Delano, supplies . .	7 00
Security Safe Deposit and Trust Co., box rent	7 00
Smith, A. P., Mfg. Co., supplies .	448 17
Standard Oil Co., oil . . .	6 25
Stratton, Frank B., board for horse,	291 00
Sumner & Goodwin Co., supplies .	281 68
Till, George T., supplies . .	10 50
Titus & Poor, stock	31 21
	$16,202 13

RECAPITULATION.

Salaries	$1,925 00
Pay rolls	2,858 17
Miscellaneous	16,202 13
	$20,985 80

RECEIPTS.

Laying pipe	$704 95
Boiler, sale of	100 00
Rents	90 25
Sand chamber, sale of . . .	60 00
Water receipts	20,820 27
Wood, sale of	9 00
	$21,784 47

State Tax.

Appropriation	$3,500 00	
Amount overdrawn	1,525 00	
		$5,025 00
Amount of expenditures . . .		$5,025 00

EXPENDITURES.

Commonwealth of Massachusetts . .	$5,025 00

County Tax.

Appropriation	$5,500 00	
Amount overdrawn	1,273 34	
		$6,773 34
Amount of expenditures . . .		$6,773 34

EXPENDITURES.

County of Essex	$6,773 34

Sewer Bonds.

Appropriation	$3,100 00	
Amount overdrawn	1,500 00	
		$4,600 00
Amount of expenditures . . .		$4,600 00

EXPENDITURES.

Colonial National Bank . . .	$4,600 00

Interest.

Appropriation	$8,200 00	
Interest on Treasurer's deposits . .	443 95	
Amount overdrawn	1,080 91	
		$9,724 86
Amount of expenditures . . .		$9,724 86

EXPENDITURES.

1903.		
Mar. 9.	Com. of Mass., Notes 124, 125 and 126 .	$198 00
Mar. 19.	Colonial National Bank, disc. note 137 .	360 00
Mar. 24.	Lynn Institution for Savings, Note 107 .	50 00
May 5.	Colonial National Bank, Disc. Note 138 .	668 40
May 12.	Com. of Mass., Note 94, 96 . . .	216 00
May 19.	Com. of Mass., Notes 129, 130 . .	179 88
May 22.	Com. of Mass., Notes 112, 113 . .	87 50
May 29.	Com. of Mass., Notes 116, 117 . .	105 00
May 29.	Loring, Tolman & Tupper, Note 136 .	52 70
June 4.	Com. of Mass., Note 119 . . .	110 85
June 25.	Com. of Mass., Notes 82, 83 . .	37 50
June 30.	Com. of Mass., Note 120 . . .	68 15
July 12.	Com. of Mass., Note 75 . . .	84 37
July 30.	Lynn Institution for Savings, Note 105 .	56 25
Aug. 5.	Com. of Mass., Note 115 . . .	44 10
Sept. 9.	Com. of Mass., Notes 124, 125 and 126,	198 00
Sept. 24.	Lynn Institution for Savings, Note 107 .	50 00
Sept. 30.	National Security Bank, Note 143 .	4 17
Nov. 12.	Com. of Mass., Notes 94, 95 and 96 .	216 00
Nov. 19.	Com. of Mass., Notes 129, 130 . .	179 88
Nov. 22.	Com. of Mass., Notes 112, 113 . .	87 50
Nov. 29.	Com. of Mass., Notes 116, 117 . .	105 00
Nov. 29.	Loring, Tolman & Tupper, Note 136 .	52 70
Dec. 4.	Com. of Mass., Note 119 . . .	110 85
Amount carried forward,		$3,322 80

Amount brought forward,			$3,322 80
Dec.	24.	Com. of Mass., Note 83 . . .	18 75
Dec.	30.	Com. of Mass., Note 120 . . .	68 16
1904			
Jan.	2.	Central National Bank (demand) Note .	260 42
Jan.	6.	Colonial National Bank (11 coupons) .	220 00
Jan.	12.	Com. of Mass., Note 75 . . .	84 38
Jan.	18.	Colonial National Bank (7 coupons) .	140 00
Jan.	30.	Lynn Institution for Savings, Note 105 .	56 25
Feb.	5.	Com. of Mass., Note 115 . . .	44 10
Feb.	24.	Jose, Parker & Co., Notes 140, 141, 142,	100 00
Feb.	24.	Commonwealth Savings Bank, Note 139,	20 00
			$4,334 86
Sewer bonds, interest			5,390 00
			$9,724 86

George T. Till, Collector of Taxes, in Account with Town of Swampscott.

1903.

Dr.

To amount committed for collection, as per assessors' warrant:	
State tax	$7,737 92
County tax	6,773 34
Town tax	96,143 20
Supplementary amount	501 26
	$111,155 72
Excise tax, Boston & Northern R. R. Co.,	$725 80

Cr.

Cash paid Benj. O. Honors, Treasurer .	$107,500 00
Discount, 2 per cent. taxes paid on or before Oct. 1	1,796 62
Abatements by assessors . . .	1,141 56
Uncollected taxes (to be advertised or otherwise collected) . . .	717 54
	$111,155 72
Cash paid Benj. O. Honors, Treasurer (excise tax)	$725 80

George T. Till, Collector of Taxes, in Account with Town of Swampscott.

1902.

Dr.

Balance uncollected, March 1, 1903 .	$313 50

Cr.

Cash paid Treasurer	$245 40
Assessors abatements	34 30
To be collected	33 80
	$313 50

M. P. Carroll Estate in Account with Town of Swampscott.

1901.

Dr.

Uncollected taxes	$89 72

Benjamin O. Honors, Treasurer,

DR.

To Balance in treasury, March 1, 1903		$6,434 99
Cemetery Department receipts		335 00
Concrete and curbstones reimbursements		86 94
Corporation tax		22,888 11
Fire Department receipts		1,112 48
Health Department reimbursement		533 81
Highway Department receipts		888 55
Interest on Treasurer's deposits		443 95
Library Department, dog tax and receipts		466 34
National Bank tax		3,120 59
Park Department receipts		300 80
Permanent Improvement loans—		
Twenty-four $1,000 coupon notes	24,000 00	
Premium on same	188 10	
Accrued interest on same	49 11	
		24,237 21
Police Department reimbursements		454 76
Poor Department reimbursements		71 00
Selectmen's Department receipts		177 29
School Department receipts		42 25
State Aid, Chapter 372		116 00
State Aid, Chapter 374		2,248 00
Street railway tax		708 78
Soldiers' Relief Department, reimbursements		55 00
Taxes, 1902, Geo. T. Till, collector		245 40
Taxes, 1903, Geo. T. Till, collector		107,500 00
Temporary loans		45,000 00
Town Hall Department receipts		482 50
		$227,949 75

In Account with Town of Swampscott.

CR.

By County Tax		$6,773 34
Commonwealth of Massachusetts—		
Park loan sinking fund	$602 58	
Interest on parks	1,063 42	
Interest on boulevards	153 99	
Cost of maintaining parks	585 73	
Cost of maintaining boulevards	165 94	
Cost of maintaining Nantasket	66 76	
Repairs on State highway	74 50	
		2,712 92
Interest on notes payable		4,334 86
Notes paid—		
June 25, 1903, Phillips School loan, Note No. 82,	$1,000 00	
November 12, 1903, Park loan, Note No. 94,	4,000 00	
September 17, 1903, Temporary loan, Note No. 137,	15,000 00	
September 30, 1903, Temporary loan, Note No. 143,	5,000 00	
December 15, 1903, Temporary loan, Note No. 138,	25,000 00	
January 12, 1904, Phillips School loan, Note No. 74,	4,500 00	
		54,500 00
Selectmen's orders outstanding, 1902–3		223 61
Selectmen's orders outstanding, 1903–4		121,860 94
Sewer bonds, interest		5,390 00
Sewer bonds—		
Series A, No. 1, 2, 3	$3,000 00	
" B, " 1,	100 00	
" C, " 1,	1,000 00	
" D, " 1,	500 00	
		4,600 00
State tax		5,025 00
		$205,420 67
Balance in treasury, March 1, 1904		12,529 08
		$227,949 75

Benjamin O. Honors, Treasurer,

DR.

To Balance in treasury, March 1, 1903	$5,806 57
Interest on treasury deposits	105 46
Laying pipe	704 95
Miscellaneous receipts	169 00
Rents	90 25
Water receipts	20,820 27
	$27,696 50

Benjamin O. Honors, Treasurer,

DR.

To Balance in treasury, March 1, 1903		$16,210 34
Bonds sold	$60,000 00	
Premium on same	623 40	
Accrued interest on same	431 67	
		61,055 07
Interest on treasurer's deposits		256 34
Lynn, City of, reimbursement		12 25
Markee, O. J., reimbursement		19 10
Miscellaneous receipts		99 46
Norfolk avenue drain, reimbursement		3,000 00
Porter, M. D., insurance reimbursed		9 00
Sewer assessments, Geo. T. Till collector		3,181 42
Temporary note (bonds pledged)		25,000 00
		$108,842 98

Benjamin O. Honors, Treasurer,

DR.

To Town balance	$12,529 08
Water balance	2,064 05
Sewer balance	1,243 75
	$15,836 88

In Acct. with Town of Swampscott, Water Dept.

CR.

By Commissioners' orders	$20,977 45
Water bonds, interest	4,655 00
Balance in treasury, March 1, 1904 . .	2,064 05
	$27,696 50

In Acct. with Town of Swampscott, Sewer Dept.

CR.

By Commissioners' orders	$107,599 23
Balance in treasury, March 1, 1904 . .	1,243 75
	$108,842 98

Summary, March 1, 1904.

CR.

By Bank balance, certified by cashier's certificates,	$14,391 13
Cash on hand	1,445 75
	$15,836 88

RECAPITULATION.

	Appropriations.	Receipts and Reimbursements.	Totals.	Expenditures.	Balances Unexpended.	Amounts Overdrawn.
Assessors' Library	$150 00		$150 00	$149 85	$0 15	
Assessors' Plans	150 00		150 00	150 00		
Assessors' Safe	250 00		250 00	236 50	13 50	
Beach Bluff Culvert	500 00		500 00	402 17	97 83	
Buena Vista Street	1,000 00		1,000 00	985 00	15 00	
Catch Basins and Gutters	900 00		900 00	886 93	13 07	
Cemetery Department	750 00	335 00	1,085 00	694 61	390 39	
Chemical House	12,000 00		12,000 00	12,004 24		4 24
Concrete and Curbstones	500 00	86 94	586 94	369 79	217 15	
Crushed Stone	1,000 00		1,000 00	1,049 71		49 71
Curbstones Reset	300 00		300 00	84 50	215 50	
Fire Department	7,000 00	1,112 48	8,112 48	8,263 05		150 57
Fire Alarm Boxes	250 00		250 00	249 89	11	
Free Public Library	750 00	466 34	1,216 34	1,166 34	50 00	
Health Department	3,500 00	533 81	4,033 81	3,755 97	277 84	
Highway Department	17,000 00	888 55	17,888 55	19,101 95		1,213 40
Ingalls Terrace	450 00		450 00	536 75		86 75
Memorial Day	150 00		150 00	150 00		
Monument Lot	35 00		35 00	35 00		
Park Department	1,000 00	300 80	1,300 80	1,115 08	185 72	
Police Department	5,000 00	454 76	5,454 76	5,515 95		61 19
Poor Department	3,300 00	71 00	3,371 00	3,508 23		137 23
Road Roller and Stone Crusher	6,000 00		6,000 00	5,474 09	525 91	
Roy Street	750 00		750 00	765 75		15 75
Roy Street Catch Basin	100 00		100 00	94 25	5 75	
Sewer Department (Cash Balance),	16,210 34	92,632 64	108,842 98	107,644 98	1,198 00	
Sewer Reimbursement	3,000 00		3,000 00	3,000 00		
Selectmen's Department	5,500 00	177 29	5,677 29	5,732 40		55 11
School Department	23,500 00	42 25	23,542 25	23,489 90	52 35	
Sidewalk Department	1,500 00		1,500 00	1,546 95		46 95
Soldiers' Relief Department	1,500 00	55 00	1,555 00	2,033 49		478 49

Special Fire	170 00		170 00	170 00		
State Aid (Chapter 372)		116 00		192 00		
State Aid (Chapter 374)		2,248 00		2,604 00		
Street Crossing Department	500 00		500 00	443 18	56 82	
Street Light Department	8,233 00		8,233 00	8,387 61		154 61
Street Watering Department	2,500 00		2,500 00	2,549 47		49 47
Town Hall Department	1,200 00	482 50	1,682 50	1,885 59		203 09
Town Warrant, Art. 15	66 67		66 67	66 67		
Town Warrant, Art. 11, July 22, 1903,	300 00		300 00	300 00		
Thomas Road Hydrant	500 00		500 00	561 86		61 86
Treasurer's Safe	275 00		275 00	275 00		
Tree Warden	600 00		600 00	587 15	12 85	
Walker Road Water Pipe	1,000 00		1,000 00	679 95	320 05	
Water Department, (Cash Balance),	5,806 57	21,889 93	27,696 50	25,640 30	2,056 20	
Water Rates	950 00		950 00	1,007 35		57 35
Watering Cart	500 00		500 00	250 00	250 00	
				$255,793 45		
Interest on Water Bonds				4,655 00		
Amount of Selectmen's Orders drawn,				$251,138 45		
Outstanding Orders				700 83		
Total Amount of Orders paid by Treasurer				$250,437 62		
County Tax	5,500 00			6,773 34		1,273 34
Com. of Mass., Met. Ass., Int., etc.,				2,712 92		
Interest on Notes Payable	8,200 00	443 95	8,643 95	4,334 86		1,080 91
" " Sewer Bonds				5,390 00		
" " Water Bonds				4,655 00		
Notes Paid				54,500 00		
Selectmen's Outst'nd'g Orders, 02-03,				223 61		
Sewer Bonds, paid	3,100 00			4,600 00		1,500 00
State Tax	3,500 00			5,025 00		1,525 00
Total Amt. of Treas. Disbursements,				$338,652 35		

Notes Payable.

Date of Note.	No.	To whom payable.	Amount.	Class.	Time in Yrs.	Rate.	When payable.
June 25, 1894	83	State of Mass.	$1,000 00	A	10	3 75-100	June 25, 1904
Nov. 12, 1895	95	State of Mass.	4,000 00	B	9	3 60-100	Nov. 12, 1904
Nov. 12, 1895	96	State of Mass.	4,000 00	B	10	3 60-100	Nov. 12, 1905
July 30, 1897	105	Lynn Inst. Sav'gs	3,000 00	E	10	3 75-100	July 30, 1907
Sept. 24, 1897	107	Lynn Inst. Sav'gs	2,500 00	F	8	4	Sept. 24, 1905
May 22, 1899	112	Col. Nat. Bank	2,500 00	B	8	3 50-100	May 22, 1907
May 22, 1899	113	Col. Nat. Bank	2,500 00	B	9	3 50-100	May 22, 1908
Aug. 5, 1899	115	State of Mass.	2,800 00	C	9	3 15-100	Aug. 5, 1908
Nov. 29, 1899	116	State of Mass.	3,000 00	D	9	3 50-100	Nov. 29, 1908
Nov. 29, 1899	117	State of Mass.	3,000 00	D	10	3 50-100	Nov. 29, 1909
June 4, 1900	119	State of Mass.	7,000 00	D	6	3 17-100	June 4, 1906
June 30, 1900	120	State of Mass.	4,300 00	D	10	3 17-100	June 30, 1910
Sept. 9, 1901	124	State of Mass.	3,000 00	D	4	3 30-100	Sept. 9, 1905
Sept. 9, 1901	125	State of Mass.	3,000 00	D	6	3 30-100	Sept. 9, 1907
Sept. 9, 1901	126	State of Mass.	6,000 00	D	8	3 30-100	Sept. 9, 1909
May 19, 1902	129	State of Mass.	3,570 00	D	8	3 25-100	May 19, 1910
May 19, 1902	130	State of Mass.	7,500 00	D	9	3 25-100	May 19, 1911
Nov. 29, 1902	136	Col. Nat. Bank	3,100 00	D	10	3 40-100	Nov. 29, 1912
Aug. 24, 1903	139	Col. Nat. Bank	1,000 00	D	7	4	Aug. 24, 1910
Aug. 24, 1903	140	Col. Nat. Bank	1,000 00	D	7	4	Aug. 24, 1910
Aug. 24, 1903	141	Col. Nat. Bank	1,000 00	D	7	4	Aug. 24, 1910
Aug. 25, 1903	142	Col. Nat. Bank	3,000 00	D	3	4	Aug. 25, 1906
Oct. 17, 1902	——	Central Nat. Bank	25,000 00	—	—	5	Demand
July 1, 1902	1-2	Col. Nat. Bank	2,000 00	D	8	4	July 1, 1911
July 1, 1902	3-8	Col. Nat. Bank	6,000 00	D	9	4	July 1, 1912
July 1, 1902	9-18	Col. Nat. Bank	10,000 00	D	10	4	July 1, 1913
Total, $114,770 00							

A. Phillips School Loan.
B. Park Loan.
C. Sewer Loan.
D. Permanent Improvement Loan.
E. Proctor Lot Loan.
F. Chemical Laboratory.

Financial Standing of the Town of Swampscott, March 1, 1904.

RESOURCES.

Balance in Treasury . . .	$15,836 88
Schedule of Public Property . .	373,913 34
Due for Taxes	841 06
Due from Concrete and Curbstones .	293 30
Due from Poor Department . .	822 72
Due from State Aid, Chapter 372,	112 00
Due from State Aid, Chapter 374,	2,998 00
	$394,817 30

LIABILITIES.

NOTES PAYABLE.

Due in 1904		$5,000 00
Due in 1905		9,500 00
Due in 1906		10,000 00
Due in 1907		8,500 00
Due in 1908		8,300 00
Due in 1909		9,000 00
Due in 1910		10,870 00
Due in 1911		9,500 00
Due in 1912		9,100 00
Due in 1913		10,000 00
Due on demand		25,000 00
		$114,770 00
Water Bonds due 1928 . . .		$140,000 00

SEWER BONDS.

Series A ($3,000, due annually) .	$120,000 00	
Series B ($100 due annually) . .	4,000 00	
Series C ($1,000 due annually) .	40,000 00	
Series D ($500, due annually) .	20,000 00	
		$184,000 00
Orders outstanding, 1902-3 . .		60 90
Orders outstanding, 1903-4 . .		700 83
		$439,531 73

Statistics of the Town of Swampscott, 1868-1904.

ASSESSORS' VALUATION MAY 1.					MARCH 1.	
Year.	Real Estate	Personal Property	Total Valuation	Rate Taxes per $1,000	Year.	Notes Payable
1903	$5,135,124	$4,286,981	$9,422,105	$11.50	1904	$114,770 00
1902	4,762,665	1,744,874	6,507,539	12.00	1903	75,270.00
1901	4,668,985	1,598,745	6,267,730	12.00	1902	70,600.00
1900	4,446,900	1,138,275	5,585,175	11.00	1901	68,100.00
1899	4,200,175	1,199,045	5,399,220	11.50	1900	64,300.00
1898	4,135,582	1,318,591	5,454,173	14.00	1899	59,000.00
1897	3,997,975	1,304,163	5,302,138	12.00	1898	71,000.00
1896	3,896,059	1,245,245	5,141,304	12.00	1897	78,250.00
1895	3,756,900	1,444,947	5,201,847	12.00	1896	84,500.00
1894	3,619,525	1,529,675	5,149,200	11.00	1895	66,333.30
1893	3,439,975	1,649,953	5,989,928	11.00	1894	71,166.66
1892	3,271,279	1,504,170	4,775,449	10.00	1893	37,499.99
1891	3,122,350	1,771,373	4,893,723	10.00	1892	42,333.32
1890	3,001,550	1,857,777	4,859,327	10.00	1891	48,666.66
1889	2,585,431	1,453,301	4,038,732	8.40	1890	52,500.00
1888	2,465,256	1,501,530	3,966,792	8.50	1889	56,000.00
1887	2,417,556	1,288,498	3,706,054	8.00	1888	57,500.00
1886	2,383,055	1,275,405	3,658,460	9.50	1887	55,500.00
1885	2,365,280	1,130,863	3,496,143	9.00	1886	47,500.00
1884	2,371,610	1,135,215	3,506,825	11.00	1885	49,000.00
1883	2,259,855	1,589,566	3,849,411	8.50	1884	50,500.00
1882	2,228,330	1,264,938	3,493,268	6.00	1883	49,000.00
1881	2,121,080	807,159	2,928,239	7.20	1882	30,500.00
1880	1,991,880	1,133,247	3,125,127	7.00	1881	31,750.00
1879	1,930,205	418,904	2,349,109	8.30	1880	39,424.80
1878	2,049,980	384,841	2,434,821	8.00	1879	42,424.00
1877	2,041,935	340,323	2,382,258	8.50	1878	42,424.80
1876	2,108,462	360,961	2,469,423	12.00	1877	45,524.80
1875	2,074,850	389,441	2,464,291	10.00	1876	50,224.80
1874	2,028,875	457,260	2,486,135	11.00	1875	51,432.80
1873	1,949,225	460,867	2,410,792	12.00	1874	50,342.50
1872	1,854,750	578,000	2,432,750	9.50	1873	47,068.00
1871	1,598,800	504,073	2,102,873	9.50	1872	43,150.00
1870	1,332,570	508,564	1,843,134	10.00	1871	38,745.00
1869	1,244,120	313,711	1,557,834	11.20	1870	31,545.00
1868	1,141,020	347,173	1,488,193	11.50	1869	33,745.00

Assessors' Valuation of the Town of Swampscott, May 1, 1903.

Table of aggregates of polls, property and taxes as assessed May 1, 1903:

Number of residents assessed on property	763
All others	25
	788
Number of non-residents assessed on property,	224
All others	19
	243
Number of persons assessed on property	1,031
Number of persons assessed for poll tax only,	802
	1,833
Number of male polls assessed	1,275
Tax on each poll	$2 00
Value of assessed personal estate	$4,286,981 00
Value of assessed real estate, buildings	$2,969,635 00
Value of assessed real estate, land	2,165,489 00
Total real estate	$5,135,124 00
Total valuation of assessed estate, May 1, 1903,	$9,422,105 00

Tax for State, County and Town purposes, including overlayings:

On personal estate	$49,300 18
On real estate	59,053 75
On polls	2,550 00
Total	$110,903 93
Rate of tax per $1,000	$11 50
Number of horses assessed	319
Number of cows assessed	90
Number of neat cattle other than cows	1
Number of dwelling houses assessed	1,099
Number of acres of land assessed	1,675

Auditors' Remarks.

To the Citizens of Swampscott:

We herewith present for your consideration the fifty-second Annual Report of the Town, for the fiscal year ending March 1, 1904.

The accounts of the several departments have been carefully examined and found to be correct and proper vouchers on file for payments made.

The Treasurer's accounts have been audited quarterly, and we have on file bank cashiers' certificates for balance of each quarter's auditing.

The Treasurer has during the past year adopted a new special column cash book, which is a great improvement over the old style.

The Water Board Sinking Fund has been carefully looked over, bonds examined, and balance found to be correct.

We would recommend that the Water Board establish a card system for their water rentals, and semi-annually render an account of the amount of bills rendered, cash received and amount uncollected.

The items of receipts can be found by referring to the different departments as they appear in the Treasurer's account.

Owing to the great increase in the duties of Clerk of the Board of Selectmen, we would recommend that the Town vote to increase the salary of that position.

Respectfully submitted,

JOHN B. EARP,
HERMAN F. ASHTON,
L. FRANK CAHOON,
Auditors.

Town Warrant, 1904.

ESSEX, ss.

To either of the Constables of the Town of Swampscott, in said County, *GREETING:*

In the name of the Commonwealth of Massachusetts, you are directed to notify the inhabitants of the Town of Swamps[illegible], qualified to vote in elections and in Town affairs, to meet [illegible] the Town Hall in said Swampscott, on Monday, the twenty-first day of March, current, at six o'clock in the forenoon, then and there to act on the following articles, viz:

ARTICLE 1. To choose a Moderator to preside in said m ing.

ART. 2. To choose a Town Clerk for one (1) year.

To choose a Board of Selectmen for the year ensuing.

To choose one member of the Board of Assessors for three (3) years.

To choose a Town Treasurer for one (1) year.

To choose a Collector of Taxes for the year ensuing.

To choose one member of the School Committee for two (2) years.

To choose one member of the School Committee for three (3) years.

To choose one member of the Board of Trustees of the Public Library for three (3) years.

To choose a Board of Auditors for the year ensuing.

To choose one Overseer of the Poor for three (3) years.

To choose one member of the Board of Health for three (3) years.

To choose a Surveyer of Highways for the year ensuing.

To choose three Constables for the year ensuing.

To choose a Park Commissioner for three (3) years.

To choose a Water Commissioner for three (3) years.

To choose a Sewer Commissioner for three (3) years.

To choose a Tree Warden for the year ensuing.

All to be chosen on one ballot.

Art. 3. To vote by ballot "Yes" or "No" upon the question: Shall Licenses be granted for the sale of intoxicating Liquors in this Town.

Art. 4. To hear and act upon the reports of the Auditing Committee, the Board of Selectmen, the School Committee, the Board of Trustees of the Public Library, the Engineers of the Fire Department, the Superintendent of Cemetery, the Board of Health, the Chief of Police, the Milk Inspector, the Committee on Street Lights, the Water Commissioners, the Surveyor of Highways, the Inspector of Cattle, Provisions, etc., the Park Commissioners, the Sewer Commissioners, the Tree Warden, the Committee to regain Kings Beach, the Committee on sale of Pest House and the Committee on purchase of land at Hay Scales.

Art. 5. To raise such sums of money as may be necessary to defray Town charges for the ensuing year, and make appropriations therefor.

Art. 6. To see if the Town will accept the list of names for Jurors, as prepared and posted by the Selectmen.

Art. 7. To see what amount of bonds will be required of the Town Treasurer for the ensuing year.

Art. 8. To see if the Town will authorize the Treasurer with the approval of the Board of Selectmen, to borrow money in anticipation of taxes.

Art. 9. To see what amount of bonds will be required of the Collector of Taxes for the year ensuing.

Art. 10. To see what action the Town will take in regard to the collection of taxes, and what rate of discount, if any, will be allowed for prompt payment on or before a certain date.

Art. 11. To see if the Town will appropriate the sum of one hundred and seventy-five ($175) dollars to be placed in the hands of James L. Bates Post, 118, G. A. R., toward defraying the expenses of Memorial Day.

Art. 12. To see what action the Town will take to fix the amount of salary for Town officials for the ensuing year.

Art. 13. To see what rate of interest the Town will charge on taxes not paid before November 1 of the year in which they are assessed.

Art. 14. To see what action the Town will take in regard to placing the Collection of Ashes under the supervision of the Superintendent of Streets, and appropriate money for the same, as petitioned for.

Art. 15. To see what action the Town will take to surrender the lease of William C. Stone to the Town of Swampscott, for use of dump near pumping station.

Art. 16. To see what action the Town will take to erect and maintain a Fire Alarm Box, near 278 Humphrey street, and appropriate money for the same as petitioned for.

Art. 17. To fix the compensation to be paid to the Sewer Commissioners for services rendered prior to the current year (or the year just closed, as the case may be), and to take any action which the Town may see fit in relation to such compensation.

Art. 18. To see if the Town will extend the Marshall street drain to a point opposite the estate of Mrs. Honors, or devise some other means of caring for the surface water beween those points, and appropriate money for the same, as petitioned for.

Art. 19. To see if the Town will construct a catch basin, near 116 on the State road, and appropriate money for the same, as petitioned for.

Art. 20. To see what action the Town will take, that any one desiring to have a water meter shall be permitted to have the same, by applying for the same, to the Water Board, and shall have it put in, and any person having a meter put in their house shall pay the price of the meter, and the rates shall be the same as in Lynn, Mass., as petitioned for.

Art. 21. To see what action the Town will take to widen Orient street, near the junction of Humphrey street and take land therefor, also to remove the Hay Scales from their present location to some favorable location on the Town's land on Pine street, and appropriate money for the same, as petitioned for.

Art. 22. To see if the Town will vote to accept the provisions of Chapter 49 of the Revised Laws of Massachusetts relating to sewers, drains and sidewalks.

Art. 23. To see if the Town will vote to accept the provisions of Sections 1, 2, 3, 4 and 5 of Chapter 101 of the Revised Laws of Massachusetts relative to common nuisances.

Art. 24. To see if the Town will vote to accept the provisions of Sections 20 and 21 of Chapter 25 of the Revised Laws of Massachusetts relative to public baths.

Art. 25. To see what action the Town will take with reference to establishing Public Baths in accordance with the provisions of Chapter 25, Revised Laws, and appropriate money for the same.

Art. 26. To see if the Town will vote to reimburse the Sewer Department the sum of $377.44, this amount having been spent on repairs of Norfolk avenue drain.

Art 27. To see if the Town will authorize and direct that the rate of interest to be paid upon bonds of the Swampscott Sewerage Loan, Series E, F and G, amounting to $35,000, be increased from three and a half per centum per annum, as now authorized, to four per centum per annum, and to take any other action in relation to the rate of interest to be paid upon said bonds or as to the negotiation and sale of said bonds.

Art. 28. To see what action the Town will take in regard to paving gutters on Crescent street and appropriate money for the same, as petitioned for.

Art. 29. To see what action the Town will take, if any, in relation to providing a public play ground for the use of the children, and appropriate money for the same, as petitioned for.

Art. 30. To see what action the Town will take for providing the Superintendent of Streets with a horse and vehicle, and also pay for the maintenance of same, and appropriate money for the same, as petitioned for.

Art. 31. To see if the Town will appropriate $89.72 for the purpose of abating taxes to that amount which M. P. Carroll, late Tax Collector of the Town, was unable to collect, and which are uncollectable.

Art. 32. To see if the Town will vote to extend the system of sewerage through Ingalls Terrace, and appropriate money for the same.

Art. 33. To see if the Town will appropriate a sum of money for the improvement and resurfacing of Farragut Road, as petitioned for.

Art. 34. To see if the Town will accept Mapledale Avenue, as laid out by the Selectmen, and appropriate money for the same.

Art. 35. To see if the Town will lease a piece of land on Pine Street, near the Water Works to the Women's Relief Corps, for the purpose of erecting a Grand Army Hall, as petitioned for.

Art. 36. To see if the Town will clear out the water courses running through the Rowe land between Salem and Humphrey streets, and lower the bed of the culverts on said streets, so that water now held back will flow off to the sea, and appropriate money for the same, as petitioned for.

Art. 37. To see if the Town will appropriate the sum of $500 for paving and grading land at the engine house, at Phillips beach.

Art. 38. To see if the Town will direct that Redington street, from the hydrant at the D. P. Stimson place down to Humphrey street, be watered during the summer months.

The polls to be closed at sunset.

And you are directed to serve this Warrant by posting attested copies thereof at the Town Hall, Depot, Post Office, and three other public and conspicuous places in the Town, seven days at least before the time of holding said meeting.

HEREOF FAIL NOT, and make due return of this Warrant, with your doings thereon, to the Town Clerk, at the time and place of meeting aforesaid.

Given under our hand this seventh day of March in the year nineteen hundred and four.

JOSEPH M. BASSETT,
CLARENCE B. DELANO,
MARTIN L. QUINN,
Selectmen of Swampscott.

A true copy. Attest:

RICHARD G. GILLEY,
Constable.

TOWN DOCUMENTS.

FIFTY-THIRD

ANNUAL REPORT

OF THE

Town of Swampscott, Mass.

FOR THE YEAR ENDING FEBRUARY 28, 1905.

LYNN, MASS.
FRANK S. WHITTEN, PRINTER
1905